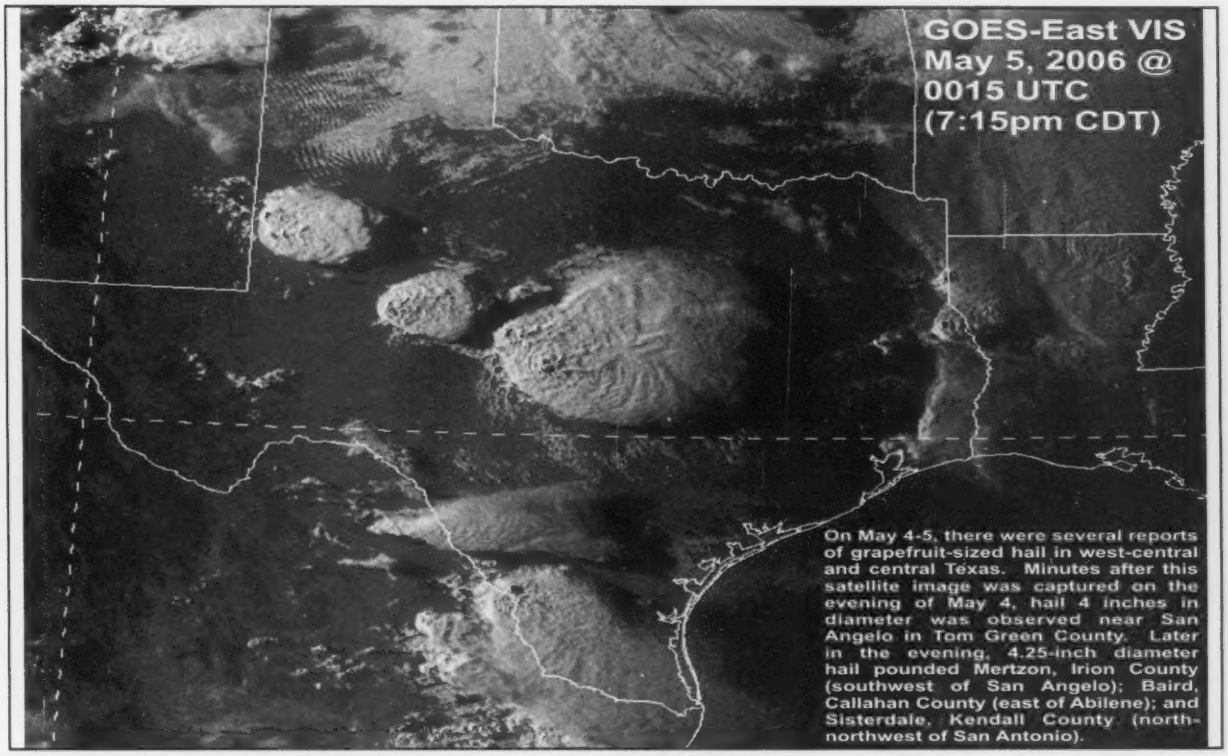
Volume 93, No. 19 http://www.usda.gov/oce/waob/jawf/wwcb.html May 9, 2006

# WEEKLY WEATHER AND CROP BULLETIN

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Weather Service

U.S. DEPARTMENT OF AGRICULTURE
National Agricultural Statistics Service
and World Agricultural Outlook Board




On May 4-5, there were several reports of grapefruit-sized hail in west-central and central Texas. Minutes after this satellite image was captured on the evening of May 4, hail 4 inches in diameter was observed near San Angelo in Tom Green County. Later in the evening, 4.25-inch diameter hail pounded Mertzon, Irion County (southwest of San Angelo); Baird, Callahan County (east of Abilene); and Sisterdale, Kendall County (north-northwest of San Antonio).

## HIGHLIGHTS

### April 30 - May 6, 2006

*Highlights provided by USDA/WAOB*

Warm, dry weather promoted fieldwork and crop development in **California**, but maintained severe stress on drought-affected **Southwestern** pastures and rangelands. Elsewhere, cool, occasionally frosty conditions across the **northern Plains** and the **Northwest** slowed small grain emergence and development, and contrasted with near- to above-normal temperatures in the **South** and **East**. Weekly temperatures generally ranged from 2 to 6°F below normal on the **northern Plains**, but averaged as much as 8°F above normal in **California**. Dry weather in the **West** contrasted with a second consecutive week of stormy weather on the **central and southern Plains**. While large sections of **Kansas**, **Oklahoma**,

*(Continued on page 5)*

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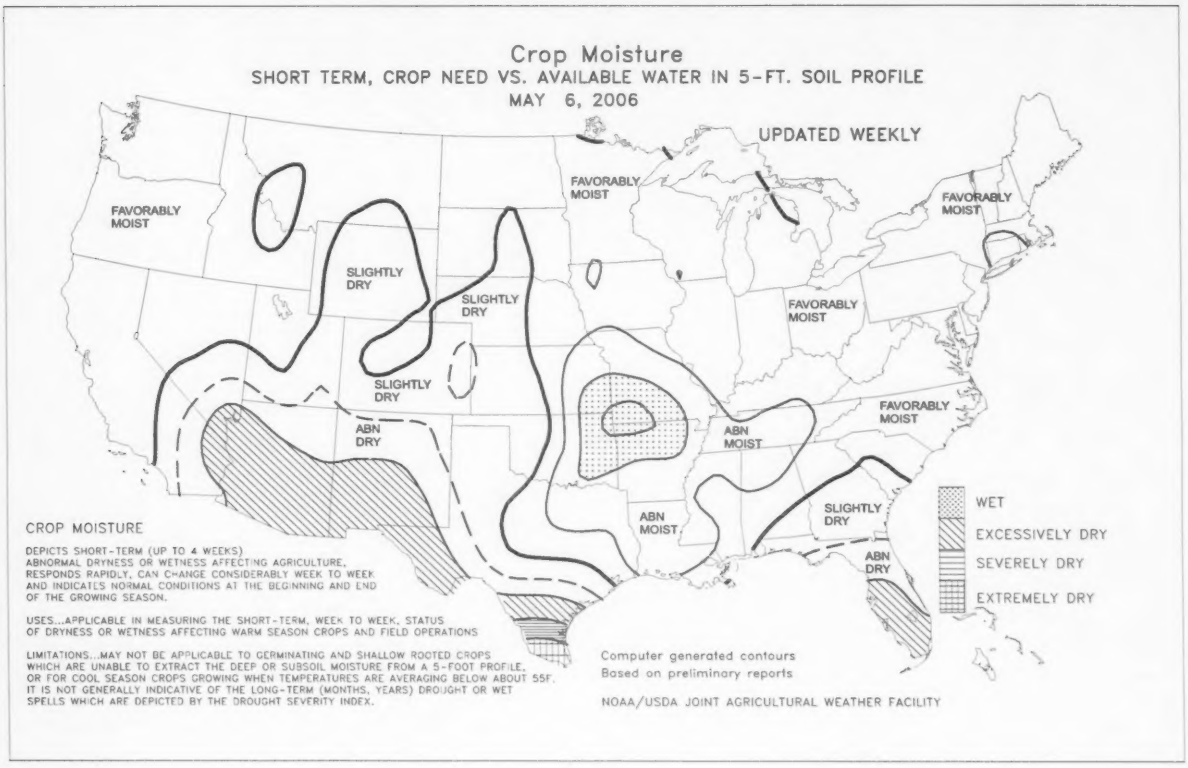
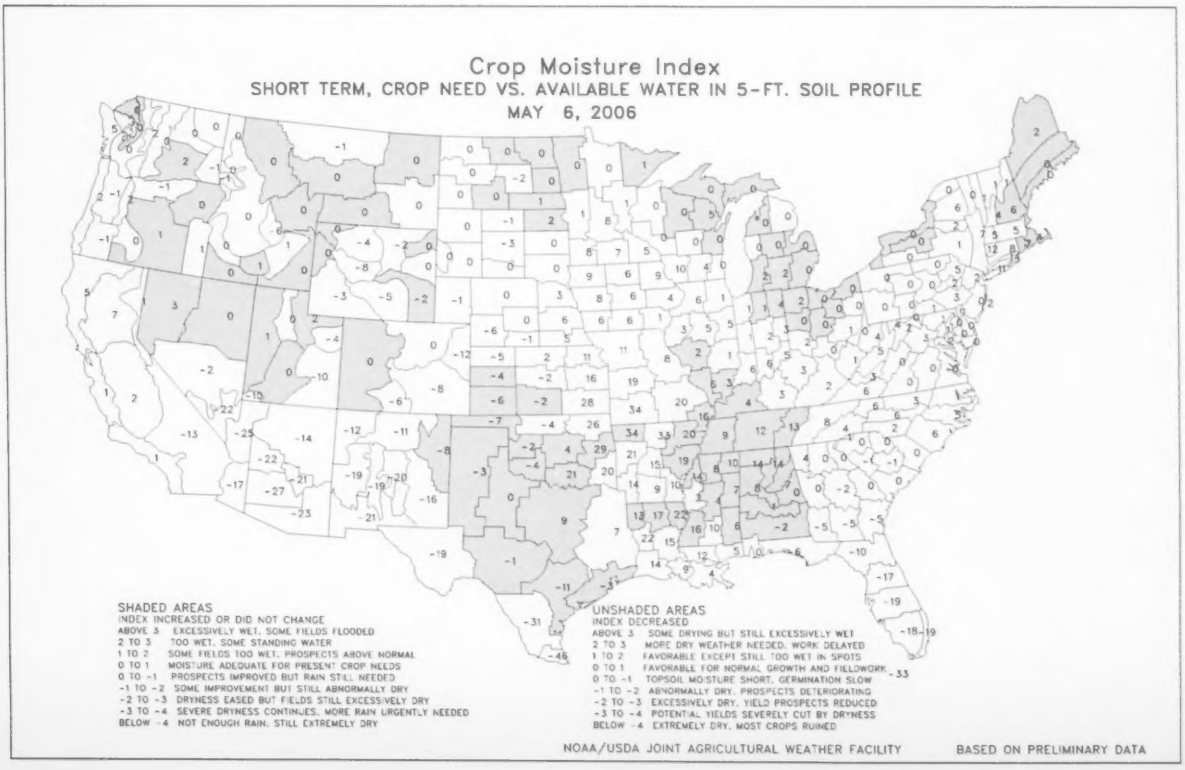
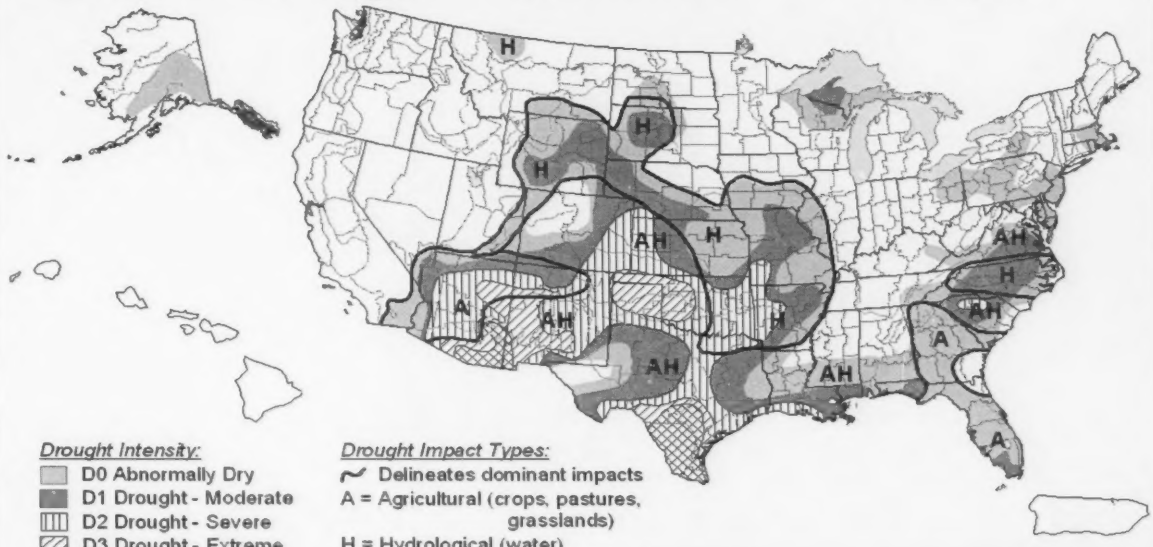

Crop Moisture
SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE
MAY 6, 2006
UPDATED WEEKLY
FAVORABLY MOIST
SLIGHTLY DRY
ABN DRY
ABN MOIST
WET
EXCESSIVELY DRY
SEVERELY DRY
EXTREMELY DRY
CROP MOISTURE
DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE. RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.
USES...APPLICABLE IN MEASURING THE SHORT-TERM, WEEK TO WEEK, STATUS OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS
LIMITATIONS...MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSOIL MOISTURE FROM A 5-FOOT PROFILE, OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING BELOW ABOUT 55F. IT IS NOT GENERALLY INDICATIVE OF THE LONG-TERM (MONTHS, YEARS) DROUGHT OR WET SPELLS WHICH ARE DEPICTED BY THE DROUGHT SEVERITY INDEX.
Computer generated contours
Based on preliminary reports
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY


Crop Moisture Index
SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE
MAY 6, 2006
SHADED AREAS
INDEX INCREASED OR DID NOT CHANGE
ABOVE 3 EXCESSIVELY WET, SOME FIELDS FLOODED
2 TO 3 TOO WET, SOME STANDING WATER
1 TO 2 SOME FIELDS TOO WET, PROSPECTS ABOVE NORMAL
0 TO 1 MOISTURE ADEQUATE FOR PRESENT CROP NEEDS
0 TO -1 PROSPECTS IMPROVED BUT RAIN STILL NEEDED
-1 TO -2 SOME IMPROVEMENT BUT STILL ABNORMALLY DRY
-2 TO -3 DRYNESS EASED BUT FIELDS STILL EXCESSIVELY DRY
-3 TO -4 SEVERE DRYNESS CONTINUES, MORE RAIN URGENTLY NEEDED
BELOW -4 NOT ENOUGH RAIN, STILL EXTREMELY DRY
UNSHADED AREAS
INDEX DECREASED
ABOVE 3 SOME DRYING BUT STILL EXCESSIVELY WET
2 TO 3 MORE DRY WEATHER NEEDED, WORK DELAYED
1 TO 2 FAVORABLE EXCEPT STILL TOO WET IN SPOTS
0 TO 1 FAVORABLE FOR NORMAL GROWTH AND FIELDWORK
0 TO -1 TOPSOIL MOISTURE SHORT, GERMINATION SLOW
-1 TO -2 ABNORMALLY DRY, PROSPECTS DETERIORATING
-2 TO -3 EXCESSIVELY DRY, YIELD PROSPECTS REDUCED
-3 TO -4 POTENTIAL YIELDS SEVERELY CUT BY DRYNESS
BELOW -4 EXTREMELY DRY, MOST CROPS RUINED
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
BASED ON PRELIMINARY DATA

# U.S. Drought Monitor

**May 2, 2006**
Valid 8 a.m. EDT




*Drought Intensity:*
- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

*Drought Impact Types:*
- Delineates dominant impacts
- A = Agricultural (crops, pastures, grasslands)
- H = Hydrological (water)

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.*

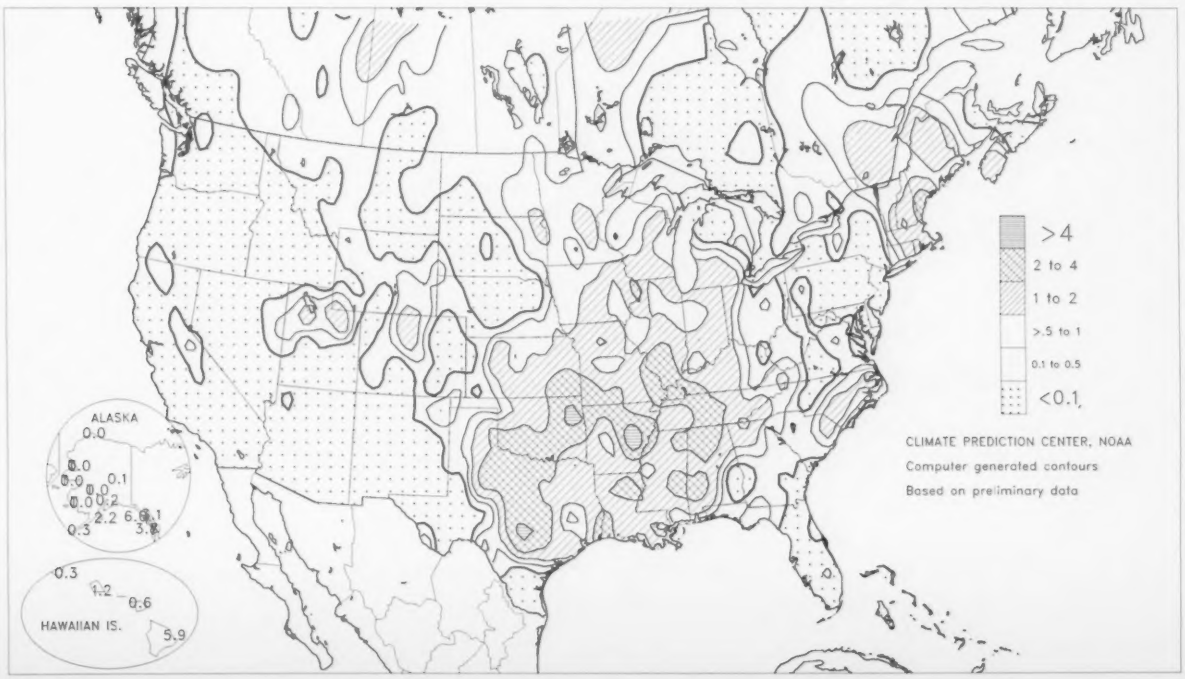
http://drought.unl.edu/dm

USDA National Drought Mitigation Center

***Released Thursday, May 4, 2006***
***Author: Mark Svoboda, National Drought Mitigation Center***

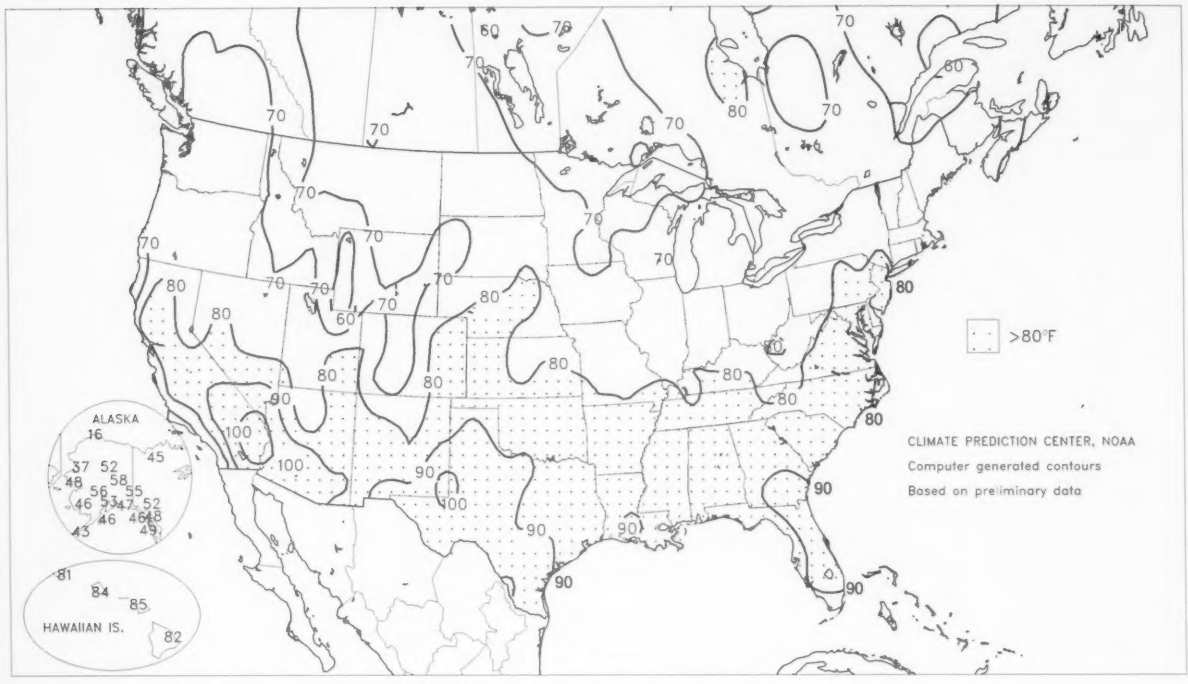
## Total Precipitation (Inches)

APR 30 - MAY 6, 2006



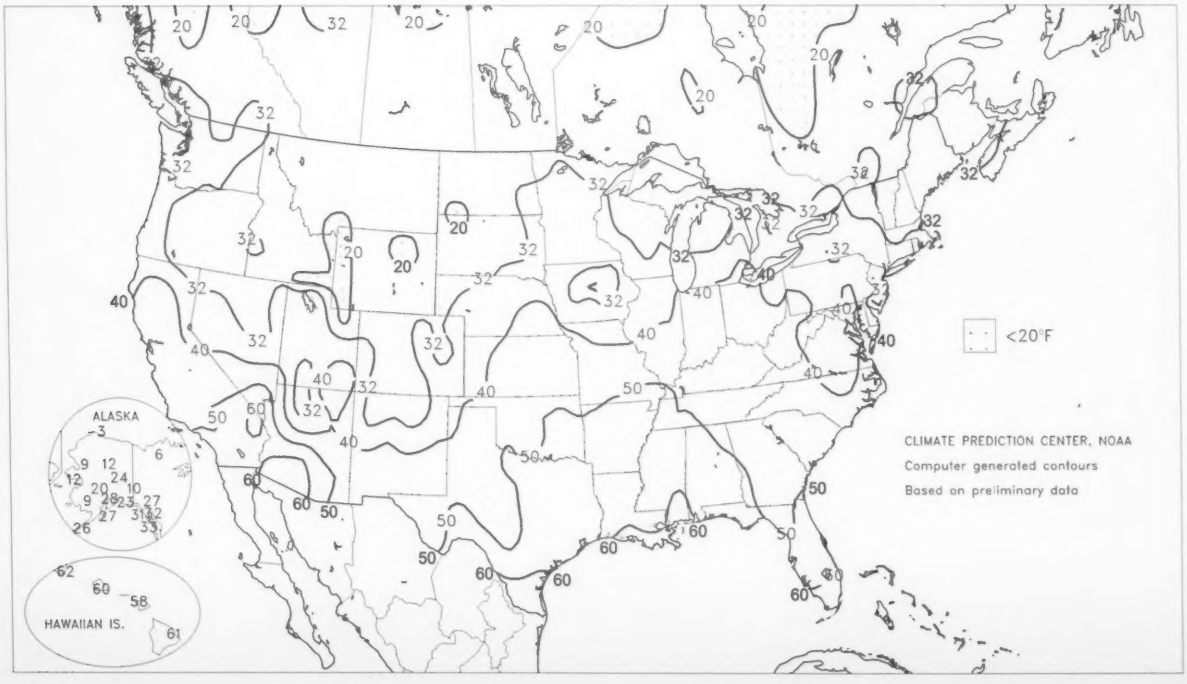
Extreme Maximum Temperature (°F)

APR 30 - MAY 6, 2006



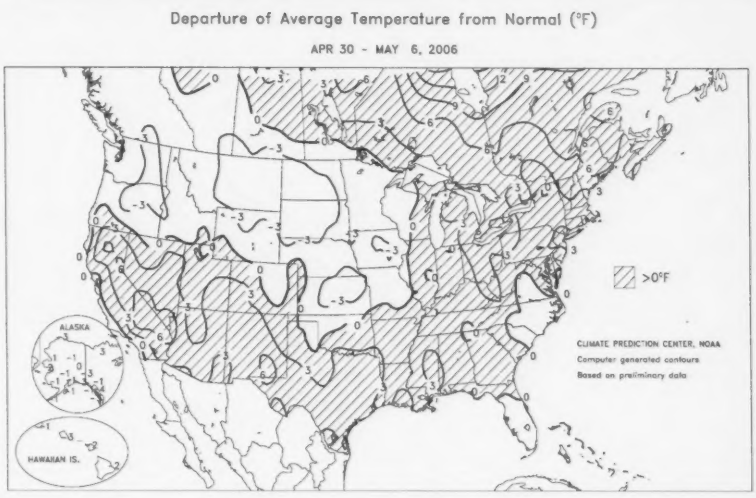

Extreme Minimum Temperature (°F)

APR 30 - MAY 6, 2006



*(Continued from front cover)*

and **Texas** experienced significant drought relief, unfavorably dry conditions maintained severe stress on pastures and winter wheat across the **High Plains** as far north as **Colorado** and **western Kansas**. In addition, large hail battered parts of the **south-central U.S.**, particularly across **west-central and central Texas** on May 4-5. Significant rain (locally 1 inch or more) also fell in parts of the **Midwest** and across the **South** as far east as the **southern Appalachians**, slowing fieldwork but promoting summer crop emergence and establishment. However, notable areas of persistent dryness included **Florida** and **southern Texas**. Concerns in both areas included heavy irrigation demands and the threat of additional wildfires. Spotty dryness also lingered elsewhere in the **Atlantic Coast States**, although a slow-moving coastal storm lashed parts of **New England** with heavy rain.



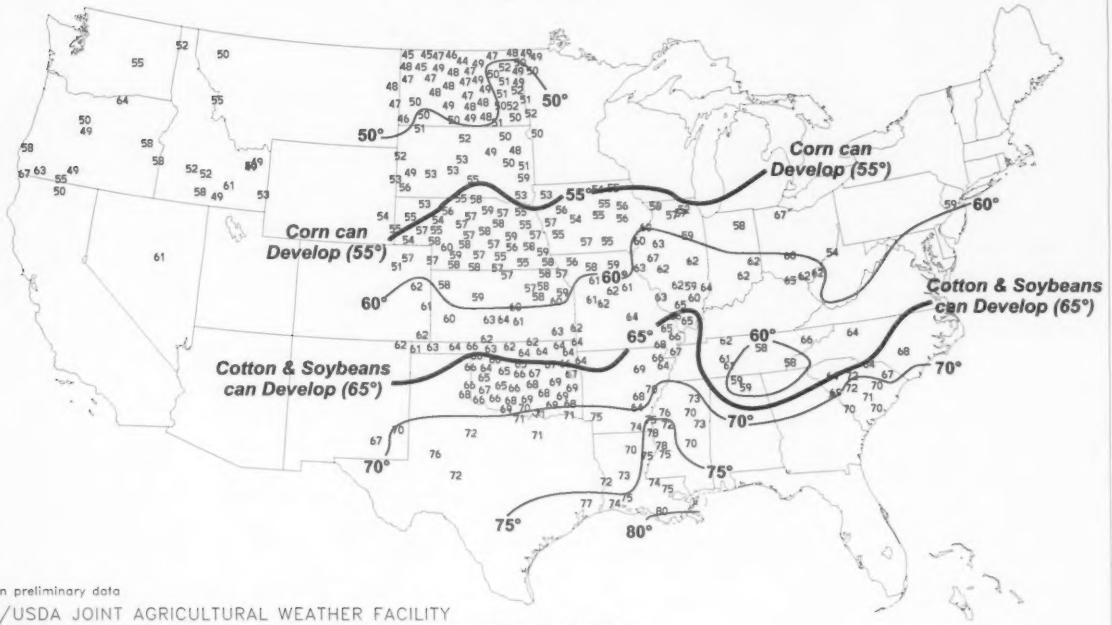

Early in the week, hail peppered the **middle Mississippi Valley** and adjacent areas. Hail was reported at the official weather stations in **Paducah, KY**, and **Lincoln, IL.** Farther east, however, daily-record lows were set in locations such as **Trenton, NJ** (36°F on April 30), and **Salisbury, MD** (34°F on May 1). A more impressive pool of cool air settled across the **Northwest** from May 2-4, resulting in more than two dozen daily-record lows. Records were set on all 3 days at **Oregon's Pendleton Experiment Station** (23, 25, and 25°F). Consecutive records were broken on May 2-3 in **Whitman Mission, WA** (28 and 27°F, respectively). Meanwhile in **Idaho**, records for May 3 included 26°F in both **Pocatello** and **Idaho Falls**. By May 6, cool air settled across the **upper Midwest**, where **Ottumwa, IA** (30°F), notched a record low. Farther south, scattered daily-record highs were set or tied in locations such as **Roswell, NM** (95°F on May 2), and **Jacksonville, FL** (93°F on May 4). Elsewhere in **Florida**, **Melbourne** closed the week with consecutive record highs (91 and 92°F on May 5-6, respectively).

During the first half of the week, heavy rain spread ashore in **New England**. **Portland, ME**, netted 4.05 inches during the first 3 days of the month, including a daily-record total of 3.41 inches on May 2. After midweek, heavy showers and thunderstorms returned to the **South**. Rainfall records for May 4 included 2.40 inches in **North Little Rock, AR**, and 2.05 inches in **McAlester, OK.** On the evening of May 4, there were reports of grapefruit-size (at least 4-inch diameter) hail in **Texas** counties such as **Tom Green (near San Angelo)**, **Irion (southwest of San Angelo)**, **Callahan (east of Abilene)**, and **Kendall (north-northwest of San Antonio)**. The following evening, 4- to 4.25-inch hail fell in additional **Texas** counties: **Terrell**, **Gaines**, **Burnet**, and **Lampasas**. In contrast, **McAllen, TX**, completed its hottest, third-driest April on record. **McAllen's** April rainfall totaled 0.01 inch (1.31 inches below normal), leaving its year-to-date precipitation at 0.77 inch (17 percent of normal). Farther east, no measurable rain fell during April in **Naples, FL**, for only the fourth time in the last 65 years (a trace fell in 2006; no rain fell in 1946, 1967, and 1970). **Naples** also completed its second-driest March-April period (0.08 inch, or 2 percent of normal) behind 0.03 inch in 1974. Elsewhere in **Florida**, year-to-date rainfall totals were as low as 1.00 inch (13 percent of normal) in **Key West**, 3.03 inches (35 percent) in **Fort Myers**, and 3.86 inches (36 percent) in **Orlando**. The previous lowest January-April total in **Orlando** was 4.26 inches in 2000.

Heavy rain returned to **Hawaii** for the first time in about a month. On May 4-5, 24-hour totals included 2.80 inches at **Oahu's Wilson Tunnel** and 2.74 inches at **West Wailuaiki, Maui**. On the **Big Island**, heavy rain arrived on May 6, when **Hilo** (4.27 inches) collected a daily-record sum. During a 48-hour period from May 5-7, **Big Island** windward totals reached 12.16 inches in **Glenwood** and 11.02 inches in **Waiakea Uka**. Prior to the arrival of the rain, cool, dry **Hawaiian** weather resulted in daily-record lows in locations such as **Hilo** (61°F on May 4), **Kahului, Maui** (60 and 58°F on May 2 and 3, respectively), and **Honolulu, Oahu** (62 and 60°F on May 1 and 2, respectively). Meanwhile, mostly dry weather across the **Alaskan mainland** contrasted with showery conditions in the southeastern part of the State. **Alaskan** weekly temperatures averaged near normal. In **Juneau**, the last day of April featured daily-record totals for precipitation (0.55 inch) and snowfall (0.5 inch). During the first 6 days of May, rainfall in **Yakutat** totaled 7.97 inches (387 percent of normal).

## Average Soil Temperature (°F, 4" Bare)

APR 30 - MAY 6, 2006



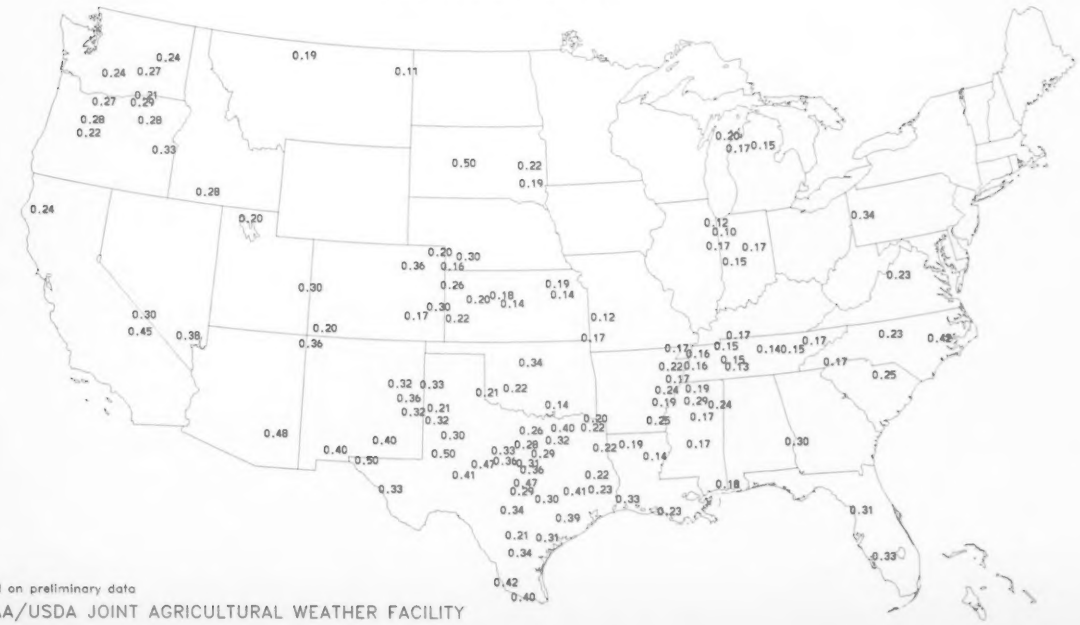

Based on preliminary data

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

Supplemental data provided by Alabama A&M University, Bureau of Reclamation - Pacific Northwest Region Agrimet Program, High Plains Regional Climate Center, Illinois State Water Survey, Iowa State University, Louisiana Agricimatic Information System, Mississippi State University, Oklahoma Mesonet, Purdue University, University of Missouri, and USDA/NRCS Soil Climate Analysis Network.

## Average Pan Evaporation (Inches/Day)

APR 30 - MAY 6, 2006



Based on preliminary data

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

## Total Growing Degree Days

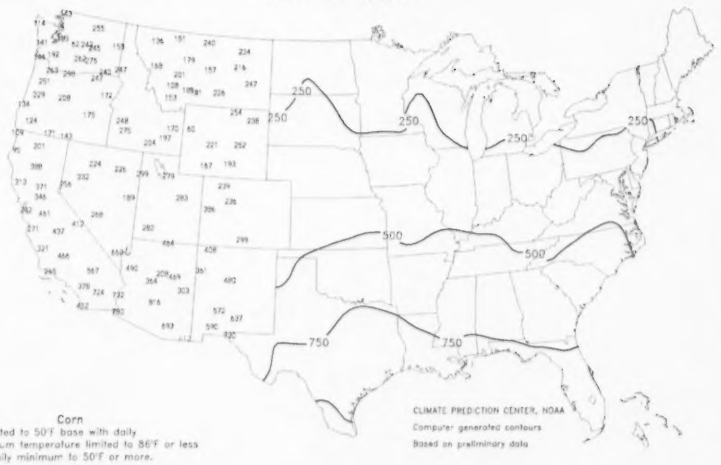
MAR 1 - MAY 6, 2006

Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.

CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data

## Total Growing Degree Days

APR 1 - MAY 6, 2006




Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.

CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data

## Departure From Normal Growing Degree Days

MAR 1 - MAY 6, 2006

Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.

CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data

## Departure From Normal Growing Degree Days

APR 1 - MAY 6, 2006

Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.

CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data

# National Weather Data for Selected Cities

## Weather Data for the Week Ending May 6, 2006

Data Provided by Climate Prediction Center (301-763-8000, Ext. 7503)

| STATES AND STATIONS | | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | | RELATIVE HUMIDITY PERCENT | | NUMBER OF DAYS TEMP. °F | | NUMBER OF DAYS PRECIP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AVERAGE MAXIMUM | AVERAGE MINIMUM | EXTREME HIGH | EXTREME LOW | AVERAGE | DEPARTURE FROM NORMAL | WEEKLY TOTAL, IN. | DEPARTURE FROM NORMAL | GREATEST IN 24-HOUR, IN. | TOTAL, IN., SINCE MAR01 | PCT. NORMAL SINCE MAR01 | TOTAL, IN., SINCE JAN01 | PCT. NORMAL SINCE JAN01 | AVERAGE MAXIMUM | AVERAGE MINIMUM | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| AL | BIRMINGHAM | 77 | 58 | 85 | 54 | 67 | 1 | 0.74 | -0.35 | 0.38 | 12.89 | 110 | 27.57 | 129 | 93 | 50 | 0 | 0 | 4 | 0 |
| | HUNTSVILLE | 75 | 56 | 84 | 51 | 66 | 1 | 1.22 | 0.13 | 0.53 | 7.72 | 63 | 16.14 | 71 | 87 | 63 | 0 | 0 | 6 | 1 |
| | MOBILE | 82 | 63 | 86 | 57 | 72 | 2 | 1.15 | -0.12 | 1.15 | 3.61 | 27 | 10.71 | 44 | 90 | 56 | 0 | 0 | 1 | 1 |
| | MONTGOMERY | 80 | 57 | 86 | 53 | 69 | 0 | 0.77 | -0.18 | 0.47 | 6.25 | 54 | 15.93 | 72 | 91 | 48 | 0 | 0 | 7 | 0 |
| AK | ANCHORAGE | 50 | 34 | 53 | 28 | 42 | -1 | 0.20 | 0.09 | 0.12 | 1.42 | 113 | 2.50 | 93 | 77 | 62 | 0 | 2 | 2 | 0 |
| | BARROW | 13 | 3 | 16 | -3 | 8 | -4 | 0.00 | -0.02 | 0.00 | 0.33 | 143 | 0.82 | 178 | 90 | 86 | 0 | 7 | 0 | 0 |
| | FAIRBANKS | 55 | 30 | 58 | 24 | 43 | 0 | 0.05 | -0.01 | 0.05 | 0.67 | 124 | 1.65 | 113 | 67 | 38 | 0 | 6 | 1 | 0 |
| | JUNEAU | 45 | 38 | 48 | 32 | 41 | -4 | 3.14 | 2.39 | 1.14 | 8.33 | 117 | 13.33 | 84 | 91 | 88 | 0 | 1 | 7 | 3 |
| | KODIAK | 43 | 35 | 46 | 27 | 39 | -2 | 2.23 | 0.84 | 1.16 | 9.16 | 77 | 15.95 | 62 | 92 | 78 | 0 | 1 | 6 | 2 |
| | NOME | 40 | 24 | 48 | 12 | 32 | 2 | 0.03 | -0.11 | 0.02 | 1.20 | 88 | 3.30 | 109 | 79 | 66 | 0 | 6 | 2 | 0 |
| AZ | FLAGSTAFF | 66 | 32 | 72 | 27 | 49 | 2 | 0.02 | -0.20 | 0.01 | 3.17 | 77 | 3.51 | 40 | 74 | 19 | 0 | 3 | 2 | 0 |
| | PHOENIX | 94 | 67 | 99 | 65 | 81 | 6 | 0.00 | -0.03 | 0.00 | 1.56 | 116 | 1.56 | 53 | 26 | 15 | 6 | 0 | 0 | 0 |
| | TUCSON | 91 | 59 | 95 | 56 | 75 | 5 | 0.01 | -0.05 | 0.01 | 0.42 | 37 | 0.42 | 14 | 26 | 12 | 5 | 0 | 1 | 0 |
| | YUMA | 94 | 66 | 100 | 61 | 80 | 4 | 0.00 | 0.00 | 0.00 | 0.20 | 56 | 0.20 | 20 | 40 | 26 | 6 | 0 | 0 | 0 |
| AR | FORT SMITH | 78 | 59 | 86 | 50 | 68 | 2 | 1.47 | 0.38 | 1.24 | 12.04 | 137 | 15.77 | 115 | 92 | 57 | 0 | 0 | 5 | 1 |
| | LITTLE ROCK | 76 | 60 | 84 | 54 | 68 | 2 | 1.86 | 0.63 | 1.77 | 13.88 | 122 | 19.70 | 107 | 92 | 57 | 0 | 0 | 2 | 1 |
| CA | BAKERSFIELD | 84 | 58 | 89 | 51 | 71 | 4 | 0.00 | -0.03 | 0.00 | 3.90 | 207 | 4.95 | 116 | 69 | 46 | 0 | 0 | 0 | 0 |
| | FRESNO | 82 | 56 | 87 | 51 | 69 | 3 | 0.00 | -0.06 | 0.00 | 8.00 | 266 | 11.94 | 164 | 76 | 56 | 0 | 0 | 0 | 0 |
| | LOS ANGELES | 67 | 58 | 67 | 57 | 62 | 0 | 0.00 | -0.03 | 0.00 | 4.15 | 136 | 7.60 | 83 | 83 | 72 | 0 | 0 | 0 | 0 |
| | REDDING | 84 | 57 | 89 | 50 | 71 | 9 | 0.00 | -0.36 | 0.00 | 13.65 | 174 | 25.25 | 127 | 56 | 39 | 0 | 0 | 0 | 0 |
| | SACRAMENTO | 77 | 51 | 85 | 50 | 64 | 1 | 0.00 | -0.11 | 0.00 | 8.57 | 219 | 13.19 | 117 | 89 | 41 | 0 | 0 | 0 | 0 |
| | SAN DIEGO | 68 | 60 | 70 | 59 | 64 | 0 | 0.00 | -0.03 | 0.00 | 2.24 | 74 | 3.71 | 50 | 75 | 62 | 0 | 0 | 0 | 0 |
| | SAN FRANCISCO | 66 | 51 | 73 | 48 | 58 | 0 | 0.00 | -0.09 | 0.00 | 10.14 | 225 | 14.89 | 115 | 82 | 70 | 0 | 0 | 0 | 0 |
| | STOCKTON | 80 | 51 | 87 | 48 | 65 | 1 | 0.01 | -0.10 | 0.01 | 6.50 | 195 | 10.97 | 129 | 77 | 52 | 0 | 0 | 1 | 0 |
| CO | ALAMOSA | 69 | 31 | 75 | 26 | 50 | 4 | 0.00 | -0.14 | 0.00 | 0.93 | 83 | 1.12 | 71 | 74 | 24 | 0 | 5 | 0 | 0 |
| | CO SPRINGS | 62 | 39 | 77 | 33 | 50 | 0 | 0.25 | -0.21 | 0.13 | 0.57 | 19 | 0.85 | 23 | 84 | 36 | 0 | 0 | 4 | 0 |
| | DENVER INTL | 65 | 38 | 79 | 30 | 52 | 2 | 0.09 | -0.42 | 0.08 | 1.24 | 52 | 1.67 | 59 | 80 | 39 | 0 | 1 | 2 | 0 |
| | GRAND JUNCTION | 76 | 43 | 83 | 37 | 60 | 4 | 0.05 | -0.17 | 0.04 | 1.61 | 79 | 2.04 | 65 | 58 | 26 | 0 | 0 | 2 | 0 |
| | PUEBLO | 68 | 41 | 85 | 31 | 54 | -1 | 0.17 | -0.13 | 0.08 | 0.94 | 38 | 1.46 | 48 | 76 | 54 | 0 | 1 | 4 | 0 |
| CT | BRIDGEPORT | 67 | 48 | 75 | 41 | 58 | 3 | 0.31 | -0.58 | 0.26 | 9.14 | 103 | 17.19 | 111 | 64 | 46 | 0 | 0 | 3 | 0 |
| | HARTFORD | 69 | 44 | 81 | 34 | 56 | 1 | 0.46 | -0.47 | 0.31 | 5.13 | 60 | 13.62 | 89 | 73 | 48 | 0 | 0 | 2 | 0 |
| DC | WASHINGTON | 77 | 53 | 82 | 45 | 65 | 3 | 0.00 | -0.76 | 0.00 | 3.15 | 45 | 8.86 | 69 | 73 | 31 | 0 | 0 | 0 | 0 |
| DE | WILMINGTON | 75 | 46 | 81 | 35 | 61 | 3 | 0.00 | -0.88 | 0.00 | 4.65 | 57 | 11.18 | 78 | 77 | 27 | 0 | 0 | 0 | 0 |
| FL | DAYTONA BEACH | 85 | 61 | 92 | 52 | 73 | 1 | 0.25 | -0.22 | 0.25 | 1.44 | 21 | 6.01 | 47 | 83 | 33 | 4 | 0 | 1 | 0 |
| | JACKSONVILLE | 85 | 58 | 93 | 47 | 71 | 1 | 0.00 | -0.64 | 0.00 | 1.90 | 25 | 8.12 | 56 | 83 | 33 | 2 | 0 | 0 | 0 |
| | KEY WEST | 82 | 71 | 84 | 68 | 77 | -2 | 0.01 | -0.53 | 0.01 | 0.07 | 2 | 1.01 | 12 | 71 | 52 | 0 | 0 | 1 | 0 |
| | MIAMI | 85 | 68 | 91 | 66 | 77 | -1 | 0.00 | -0.83 | 0.00 | 1.33 | 20 | 5.11 | 48 | 73 | 38 | 2 | 0 | 0 | 0 |
| | ORLANDO | 88 | 59 | 93 | 54 | 73 | -2 | 0.00 | -0.50 | 0.00 | 1.07 | 17 | 3.86 | 35 | 92 | 36 | 4 | 0 | 0 | 0 |
| | PENSACOLA | 80 | 66 | 84 | 62 | 73 | 2 | 0.06 | -0.71 | 0.05 | 3.56 | 32 | 10.31 | 49 | 86 | 60 | 0 | 0 | 2 | 0 |
| | TALLAHASSEE | 85 | 57 | 90 | 48 | 71 | 0 | 0.37 | -0.41 | 0.28 | 1.74 | 16 | 11.45 | 55 | 87 | 44 | 1 | 0 | 2 | 0 |
| | TAMPA | 84 | 63 | 86 | 60 | 74 | -1 | 0.00 | -0.41 | 0.00 | 1.03 | 21 | 10.82 | 109 | 81 | 38 | 0 | 0 | 0 | 0 |
| | WEST PALM BEACH | 84 | 64 | 90 | 61 | 74 | -2 | 0.00 | -0.88 | 0.00 | 6.47 | 81 | 10.88 | 76 | 80 | 44 | 1 | 0 | 0 | 0 |
| GA | ATHENS | 78 | 55 | 85 | 47 | 67 | 1 | 0.92 | 0.15 | 0.48 | 5.80 | 64 | 13.66 | 76 | 79 | 51 | 0 | 0 | 4 | 0 |
| | ATLANTA | 76 | 57 | 83 | 51 | 67 | 1 | 0.15 | -0.71 | 0.10 | 5.53 | 57 | 16.13 | 83 | 81 | 53 | 0 | 0 | 3 | 0 |
| | AUGUSTA | 82 | 53 | 89 | 42 | 68 | 1 | 0.45 | -0.09 | 0.37 | 6.13 | 77 | 12.49 | 75 | 92 | 34 | 0 | 0 | 2 | 0 |
| | COLUMBUS | 81 | 59 | 88 | 53 | 70 | 1 | 0.17 | -0.63 | 0.08 | 5.77 | 56 | 13.20 | 68 | 82 | 38 | 0 | 0 | 3 | 0 |
| | MACON | 81 | 55 | 88 | 46 | 68 | 1 | 0.16 | -0.45 | 0.16 | 3.88 | 45 | 9.72 | 54 | 87 | 37 | 0 | 0 | 1 | 0 |
| | SAVANNAH | 81 | 55 | 89 | 43 | 68 | -2 | 0.00 | -0.64 | 0.00 | 2.23 | 30 | 9.08 | 63 | 80 | 36 | 0 | 0 | 0 | 0 |
| HI | HILO | 78 | 64 | 82 | 61 | 71 | -2 | 5.94 | 3.74 | 4.85 | 40.21 | 140 | 60.10 | 127 | 89 | 74 | 0 | 0 | 5 | 2 |
| | HONOLULU | 80 | 66 | 84 | 60 | 73 | -3 | 1.20 | 1.01 | 0.96 | 18.70 | 590 | 22.85 | 277 | 80 | 68 | 0 | 0 | 3 | 1 |
| | KAHULUI | 81 | 65 | 85 | 58 | 73 | -2 | 0.63 | 0.40 | 0.47 | 5.00 | 117 | 6.43 | 62 | 84 | 69 | 0 | 0 | 3 | 0 |
| | LIHUE | 79 | 68 | 81 | 62 | 74 | -1 | 0.32 | -0.37 | 0.24 | 37.75 | 526 | 48.27 | 321 | 79 | 70 | 0 | 0 | 6 | 0 |
| ID | BOISE | 67 | 40 | 73 | 34 | 53 | -2 | 0.00 | -0.29 | 0.00 | 4.01 | 137 | 6.17 | 113 | 59 | 34 | 0 | 0 | 0 | 0 |
| | LEWISTON | 67 | 40 | 76 | 35 | 54 | -1 | 0.00 | -0.33 | 0.00 | 3.19 | 118 | 4.56 | 95 | 61 | 37 | 0 | 0 | 0 | 0 |
| | POCATELLO | 65 | 36 | 71 | 26 | 50 | 0 | 0.00 | -0.31 | 0.00 | 3.81 | 135 | 5.90 | 118 | 63 | 33 | 0 | 2 | 0 | 0 |
| IL | CHICAGO/O'HARE | 64 | 50 | 73 | 40 | 57 | 3 | 1.27 | 0.50 | 0.94 | 6.66 | 95 | 11.24 | 108 | 83 | 61 | 0 | 0 | 3 | 1 |
| | MOLINE | 67 | 48 | 75 | 35 | 58 | 1 | 1.37 | 0.49 | 1.37 | 9.29 | 124 | 13.08 | 124 | 80 | 54 | 0 | 0 | 1 | 1 |
| | PEORIA | 66 | 49 | 73 | 41 | 58 | 1 | 0.67 | -0.26 | 0.39 | 8.56 | 119 | 12.52 | 121 | 84 | 58 | 0 | 0 | 3 | 0 |
| | ROCKFORD | 65 | 48 | 73 | 36 | 56 | 1 | 1.15 | 0.32 | 0.83 | 8.67 | 129 | 12.30 | 130 | 87 | 62 | 0 | 0 | 3 | 1 |
| | SPRINGFIELD | 69 | 50 | 75 | 39 | 59 | 0 | 0.69 | -0.16 | 0.48 | 9.39 | 130 | 12.04 | 113 | 82 | 59 | 0 | 0 | 4 | 0 |
| IN | EVANSVILLE | 70 | 54 | 79 | 48 | 62 | 1 | 0.45 | -0.67 | 0.18 | 13.07 | 134 | 19.35 | 123 | 89 | 67 | 0 | 0 | 2 | 0 |
| | FORT WAYNE | 66 | 48 | 75 | 43 | 57 | 1 | 0.92 | 0.12 | 0.65 | 6.51 | 92 | 11.17 | 101 | 86 | 54 | 0 | 0 | 3 | 1 |
| | INDIANAPOLIS | 68 | 51 | 76 | 44 | 59 | 1 | 0.47 | -0.46 | 0.28 | 10.61 | 135 | 15.80 | 124 | 85 | 53 | 0 | 0 | 3 | 0 |
| | SOUTH BEND | 64 | 46 | 75 | 38 | 55 | 0 | 0.63 | -0.13 | 0.44 | 5.68 | 79 | 9.50 | 83 | 86 | 67 | 0 | 0 | 3 | 0 |
| IA | BURLINGTON | 69 | 48 | 77 | 35 | 59 | 0 | 0.34 | -0.59 | 0.28 | 8.03 | 109 | 11.05 | 108 | 83 | 48 | 0 | 0 | 2 | 0 |
| | CEDAR RAPIDS | 63 | 43 | 74 | 31 | 53 | -3 | 0.60 | -0.18 | 0.27 | 7.47 | 122 | 9.42 | 114 | 94 | 52 | 0 | 1 | 3 | 0 |
| | DES MOINES | 64 | 46 | 76 | 35 | 55 | -2 | 1.20 | 0.32 | 1.03 | 8.57 | 131 | 9.54 | 109 | 83 | 60 | 0 | 0 | 4 | 1 |
| | DUBUQUE | 63 | 44 | 72 | 32 | 54 | 0 | 2.50 | 1.64 | 1.94 | 10.75 | 158 | 12.42 | 131 | 84 | 57 | 0 | 1 | 3 | 1 |
| | SIOUX CITY | 64 | 44 | 77 | 35 | 54 | -3 | 0.42 | -0.33 | 0.35 | 6.05 | 112 | 6.67 | 101 | 82 | 60 | 0 | 0 | 2 | 0 |
| | WATERLOO | 62 | 42 | 74 | 29 | 52 | -3 | 1.00 | 0.19 | 0.82 | 8.29 | 137 | 9.19 | 116 | 86 | 54 | 0 | 1 | 2 | 1 |
| KS | CONCORDIA | 64 | 48 | 79 | 44 | 56 | -3 | 0.89 | 0.11 | 0.61 | 4.85 | 89 | 4.94 | 72 | 82 | 58 | 0 | 0 | 4 | 1 |
| | DODGE CITY | 65 | 47 | 84 | 42 | 56 | -4 | 0.52 | -0.07 | 0.30 | 2.32 | 50 | 2.49 | 42 | 85 | 55 | 0 | 0 | 3 | 0 |
| | GOODLAND | 65 | 44 | 85 | 35 | 54 | 0 | 0.15 | -0.46 | 0.10 | 2.70 | 83 | 3.28 | 80 | 82 | 47 | 0 | 0 | 4 | 0 |
| | TOPEKA | 66 | 49 | 79 | 45 | 58 | -2 | 1.01 | 0.10 | 0.50 | 8.27 | 127 | 8.77 | 102 | 83 | 60 | 0 | 0 | 5 | 1 |

Based on 1971-2000 normals

*** Not Available

## Weather Data for the Week Ending May 6, 2006

| STATES AND STATIONS | | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | | RELATIVE HUMIDITY PERCENT | | NUMBER OF DAYS TEMP. °F | | NUMBER OF DAYS PRECIP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AVERAGE MAXIMUM | AVERAGE MINIMUM | EXTREME HIGH | EXTREME LOW | AVERAGE | DEPARTURE FROM NORMAL | WEEKLY TOTAL, IN. | DEPARTURE FROM NORMAL | GREATEST IN 24-HOUR, IN. | TOTAL IN. SINCE MAR01 | PCT. NORMAL SINCE MAR01 | TOTAL IN., SINCE JAN01 | PCT. NORMAL SINCE JAN01 | AVERAGE MAXIMUM | AVERAGE MINIMUM | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| | WICHITA | 68 | 50 | 82 | 45 | 59 | -1 | 0.92 | 0.18 | 0.64 | 5.19 | 88 | 5.30 | 68 | 86 | 67 | 0 | 0 | 4 | 1 |
| KY | JACKSON | 74 | 54 | 80 | 52 | 64 | 3 | 0.40 | -0.66 | 0.24 | 7.58 | 83 | 15.00 | 92 | 84 | 41 | 0 | 0 | 2 | 0 |
| | LEXINGTON | 71 | 53 | 76 | 48 | 62 | 2 | 1.00 | 0.03 | 0.97 | 8.75 | 98 | 16.24 | 105 | 80 | 55 | 0 | 0 | 2 | 1 |
| | LOUISVILLE | 73 | 55 | 79 | 52 | 64 | 2 | 0.49 | -0.57 | 0.33 | 11.29 | 122 | 17.64 | 112 | 77 | 51 | 0 | 0 | 2 | 0 |
| | PADUCAH | 73 | 53 | 83 | 50 | 63 | 1 | 2.43 | 1.26 | 1.10 | 10.25 | 100 | 19.25 | 109 | 93 | 55 | 0 | 0 | 6 | 2 |
| LA | BATON ROUGE | 85 | 63 | 88 | 56 | 74 | 3 | 0.25 | -1.01 | 0.25 | 3.56 | 30 | 9.67 | 42 | 92 | 45 | 0 | 0 | 1 | 0 |
| | LAKE CHARLES | 84 | 65 | 87 | 59 | 75 | 3 | 1.07 | -0.05 | 0.88 | 3.71 | 46 | 8.36 | 49 | 89 | 49 | 0 | 0 | 3 | 1 |
| | NEW ORLEANS | 84 | 66 | 86 | 61 | 75 | 3 | 1.80 | 0.83 | 1.61 | 4.60 | 41 | 10.71 | 48 | 87 | 52 | 0 | 0 | 2 | 1 |
| | SHREVEPORT | 83 | 64 | 87 | 56 | 73 | 3 | 1.16 | 0.04 | 0.91 | 8.47 | 89 | 18.74 | 102 | 85 | 53 | 0 | 0 | 4 | 1 |
| ME | CARIBOU | 65 | 41 | 72 | 30 | 53 | 7 | 0.72 | 0.05 | 0.28 | 3.51 | 61 | 9.42 | 87 | 81 | 45 | 0 | 1 | 3 | 0 |
| | PORTLAND | 64 | 43 | 74 | 29 | 54 | 4 | 3.62 | 2.71 | 3.07 | 7.66 | 83 | 14.11 | 86 | 90 | 53 | 0 | 1 | 4 | 1 |
| MD | BALTIMORE | 77 | 47 | 82 | 36 | 62 | 3 | 0.00 | -0.78 | 0.00 | 3.46 | 45 | 9.58 | 68 | 70 | 29 | 0 | 0 | 0 | 0 |
| MA | BOSTON | 62 | 48 | 80 | 40 | 55 | 1 | 0.81 | 0.08 | 0.45 | 3.20 | 40 | 10.41 | 68 | 80 | 56 | 0 | 0 | 3 | 1 |
| | WORCESTER | 63 | 46 | 76 | 41 | 54 | 2 | 1.01 | 0.09 | 0.59 | 3.86 | 43 | 12.65 | 79 | 76 | 42 | 0 | 0 | 4 | 1 |
| MI | ALPENA | 64 | 40 | 80 | 31 | 52 | 4 | 0.00 | -0.55 | 0.00 | 3.44 | 70 | 8.05 | 100 | 76 | 40 | 0 | 1 | 0 | 0 |
| | GRAND RAPIDS | 64 | 47 | 77 | 36 | 56 | 3 | 0.68 | -0.08 | 0.46 | 6.09 | 91 | 12.78 | 124 | 86 | 49 | 0 | 0 | 3 | 0 |
| | HOUGHTON LAKE | 64 | 42 | 76 | 29 | 53 | 4 | 0.05 | -0.45 | 0.03 | 4.48 | 94 | 8.53 | 112 | 75 | 46 | 0 | 1 | 2 | 0 |
| | LANSING | 65 | 48 | 75 | 35 | 56 | 4 | 0.56 | -0.02 | 0.39 | 4.94 | 83 | 10.80 | 120 | 79 | 57 | 0 | 0 | 3 | 0 |
| | MUSKEGON | 63 | 46 | 72 | 37 | 54 | 2 | 0.85 | 0.19 | 0.46 | 9.13 | 156 | 14.92 | 155 | 86 | 58 | 0 | 0 | 3 | 0 |
| | TRAVERSE CITY | 64 | 45 | 79 | 27 | 55 | 5 | 0.11 | -0.40 | 0.10 | 3.10 | 60 | 6.18 | 62 | 82 | 39 | 0 | 1 | 2 | 0 |
| MN | DULUTH | 56 | 41 | 65 | 34 | 49 | 2 | 1.33 | 0.82 | 0.54 | 3.96 | 94 | 5.38 | 87 | 91 | 69 | 0 | 0 | 4 | 1 |
| | INT'L FALLS | 55 | 41 | 66 | 28 | 48 | 0 | 0.73 | 0.34 | 0.23 | 4.02 | 151 | 5.55 | 134 | 93 | 58 | 0 | 2 | 5 | 0 |
| | MINNEAPOLIS | 62 | 48 | 70 | 41 | 55 | 0 | 1.28 | 0.72 | 0.80 | 8.46 | 182 | 9.49 | 146 | 73 | 61 | 0 | 0 | 3 | 1 |
| | ROCHESTER | 60 | 44 | 69 | 34 | 52 | 0 | 0.69 | -0.05 | 0.59 | 8.15 | 147 | 8.88 | 123 | 81 | 64 | 0 | 0 | 3 | 1 |
| | ST. CLOUD | 61 | 45 | 72 | 38 | 53 | 1 | 1.42 | 0.95 | 0.78 | 5.64 | 140 | 6.19 | 115 | 83 | 56 | 0 | 0 | 3 | 2 |
| MS | JACKSON | 81 | 62 | 85 | 58 | 71 | 3 | 1.62 | 0.36 | 0.73 | 8.73 | 68 | 22.49 | 98 | 92 | 50 | 0 | 0 | 4 | 2 |
| | MERIDIAN | 80 | 60 | 85 | 58 | 70 | 2 | 2.47 | 1.26 | 1.18 | 10.50 | 77 | 22.36 | 90 | 91 | 62 | 0 | 0 | 7 | 2 |
| | TUPELO | 77 | 60 | 87 | 53 | 69 | 3 | 3.38 | 2.17 | 1.02 | 9.62 | 78 | 21.11 | 96 | 87 | 65 | 0 | 0 | 5 | 3 |
| MO | COLUMBIA | 69 | 50 | 77 | 43 | 59 | -1 | 0.36 | -0.73 | 0.29 | 6.95 | 84 | 8.97 | 73 | 86 | 50 | 0 | 0 | 4 | 0 |
| | KANSAS CITY | 68 | 51 | 80 | 47 | 60 | 0 | 1.99 | 0.87 | 0.75 | 7.37 | 109 | 8.52 | 92 | 83 | 52 | 0 | 0 | 5 | 3 |
| | SAINT LOUIS | 71 | 54 | 78 | 45 | 62 | 0 | 1.03 | 0.12 | 0.56 | 6.06 | 75 | 8.15 | 65 | 77 | 59 | 0 | 0 | 4 | 1 |
| | SPRINGFIELD | 70 | 52 | 81 | 47 | 61 | 0 | 1.81 | 0.85 | 0.92 | 9.73 | 109 | 11.59 | 87 | 88 | 62 | 0 | 0 | 6 | 1 |
| MT | BILLINGS | 61 | 35 | 76 | 29 | 48 | -4 | 0.06 | -0.46 | 0.06 | 4.17 | 126 | 4.37 | 93 | 72 | 31 | 0 | 3 | 1 | 0 |
| | BUTTE | 56 | 25 | 66 | 19 | 41 | -3 | 0.28 | -0.06 | 0.28 | 3.66 | 170 | 4.30 | 137 | 80 | 21 | 0 | 6 | 1 | 0 |
| | CUT BANK | 58 | 32 | 72 | 21 | 45 | -1 | 0.06 | -0.28 | 0.04 | 0.79 | 45 | 1.00 | 41 | 82 | 31 | 0 | 4 | 2 | 0 |
| | GLASGOW | 60 | 36 | 79 | 27 | 48 | -3 | 0.11 | -0.16 | 0.06 | 1.44 | 99 | 2.71 | 132 | 81 | 54 | 0 | 2 | 2 | 0 |
| | GREAT FALLS | 59 | 31 | 71 | 27 | 45 | -3 | 0.17 | -0.28 | 0.17 | 4.75 | 170 | 5.90 | 148 | 83 | 29 | 0 | 5 | 1 | 0 |
| | HAVRE | 59 | 39 | 73 | 28 | 49 | -2 | 0.06 | -0.25 | 0.06 | 1.52 | 83 | 2.20 | 82 | 82 | 52 | 0 | 1 | 1 | 0 |
| | MISSOULA | 63 | 33 | 71 | 27 | 48 | -1 | 0.05 | -0.30 | 0.05 | 4.25 | 181 | 5.86 | 140 | 69 | 38 | 0 | 4 | 1 | 0 |
| NE | GRAND ISLAND | 65 | 46 | 82 | 41 | 55 | -1 | 0.13 | -0.65 | 0.12 | 5.80 | 109 | 6.05 | 93 | 78 | 55 | 0 | 0 | 2 | 0 |
| | LINCOLN | 65 | 48 | 77 | 43 | 56 | -1 | 0.57 | -0.29 | 0.28 | 7.42 | 127 | 8.40 | 117 | 77 | 54 | 0 | 0 | 4 | 0 |
| | NORFOLK | 66 | 45 | 82 | 40 | 55 | -1 | 0.08 | -0.66 | 0.08 | 5.87 | 113 | 6.39 | 98 | 71 | 55 | 0 | 0 | 1 | 0 |
| | NORTH PLATTE | 65 | 41 | 85 | 33 | 53 | -1 | 0.02 | -0.63 | 0.01 | 2.65 | 70 | 2.99 | 64 | 83 | 41 | 0 | 0 | 2 | 0 |
| | OMAHA | 64 | 47 | 77 | 39 | 56 | -2 | 0.71 | -0.19 | 0.57 | 6.12 | 105 | 6.86 | 92 | 79 | 58 | 0 | 0 | 3 | 1 |
| | SCOTTSBLUFF | 63 | 37 | 77 | 30 | 50 | -2 | 0.39 | -0.15 | 0.17 | 2.56 | 75 | 3.60 | 79 | 85 | 61 | 0 | 1 | 5 | 0 |
| | VALENTINE | 62 | 38 | 77 | 31 | 50 | -3 | 0.11 | -0.54 | 0.05 | 4.49 | 123 | 4.91 | 111 | 81 | 54 | 0 | 2 | 3 | 0 |
| NV | ELY | 65 | 32 | 73 | 29 | 49 | 2 | 0.37 | 0.11 | 0.24 | 3.18 | 147 | 4.85 | 133 | 76 | 49 | 0 | 4 | 2 | 0 |
| | LAS VEGAS | 89 | 67 | 96 | 60 | 78 | 7 | 0.00 | -0.03 | 0.00 | 0.19 | 25 | 0.28 | 14 | 28 | 15 | 4 | 0 | 0 | 0 |
| | RENO | 73 | 46 | 80 | 42 | 60 | 7 | 0.00 | -0.09 | 0.00 | 2.80 | 217 | 5.44 | 160 | 52 | 27 | 0 | 0 | 0 | 0 |
| | WINNEMUCCA | 70 | 34 | 76 | 30 | 52 | 1 | 0.00 | -0.21 | 0.00 | 4.09 | 215 | 6.11 | 182 | 59 | 32 | 0 | 3 | 0 | 0 |
| NH | CONCORD | 67 | 41 | 80 | 27 | 54 | 3 | 1.44 | 0.72 | 1.27 | 5.39 | 80 | 11.59 | 96 | 91 | 43 | 0 | 2 | 2 | 1 |
| NJ | NEWARK | 76 | 51 | 83 | 40 | 63 | 5 | 0.00 | -1.01 | 0.00 | 4.84 | 54 | 12.02 | 75 | 53 | 27 | 0 | 0 | 0 | 0 |
| NM | ALBUQUERQUE | 79 | 53 | 84 | 43 | 66 | 6 | 0.00 | -0.11 | 0.00 | 0.27 | 23 | 0.31 | 15 | 44 | 10 | 0 | 0 | 0 | 0 |
| NY | ALBANY | 68 | 43 | 80 | 35 | 56 | 2 | 0.11 | -0.65 | 0.07 | 6.07 | 86 | 11.84 | 101 | 81 | 38 | 0 | 0 | 4 | 0 |
| | BINGHAMTON | 66 | 42 | 76 | 37 | 54 | 3 | 0.01 | -0.79 | 0.01 | 4.25 | 59 | 8.79 | 72 | 59 | 43 | 0 | 0 | 1 | 0 |
| | BUFFALO | 69 | 46 | 75 | 39 | 58 | 6 | 0.00 | -0.67 | 0.00 | 4.12 | 62 | 10.24 | 84 | 67 | 33 | 0 | 0 | 0 | 0 |
| | ROCHESTER | 68 | 41 | 77 | 35 | 55 | 3 | 0.00 | -0.58 | 0.00 | 3.98 | 68 | 8.53 | 84 | 71 | 40 | 0 | 0 | 0 | 0 |
| | SYRACUSE | 68 | 42 | 79 | 35 | 55 | 3 | 0.27 | -0.50 | 0.19 | 6.06 | 86 | 10.68 | 91 | 81 | 36 | 0 | 0 | 2 | 0 |
| NC | ASHEVILLE | 72 | 49 | 78 | 40 | 61 | 2 | 0.13 | -0.71 | 0.08 | 5.61 | 64 | 11.75 | 70 | 81 | 41 | 0 | 0 | 3 | 0 |
| | CHARLOTTE | 76 | 51 | 83 | 43 | 63 | -3 | 0.15 | -0.56 | 0.15 | 3.83 | 48 | 8.22 | 53 | 77 | 37 | 0 | 0 | 1 | 0 |
| | GREENSBORO | 75 | 52 | 81 | 44 | 63 | 1 | 0.03 | -0.84 | 0.03 | 3.70 | 46 | 7.64 | 52 | 78 | 38 | 0 | 0 | 1 | 0 |
| | HATTERAS | 64 | 55 | 73 | 51 | 59 | -5 | 0.06 | -0.66 | 0.06 | 4.91 | 55 | 11.39 | 61 | 92 | 69 | 0 | 0 | 1 | 0 |
| | RALEIGH | 76 | 49 | 82 | 38 | 63 | -1 | 0.00 | -0.75 | 0.00 | 6.18 | 83 | 9.90 | 66 | 76 | 37 | 0 | 0 | 0 | 0 |
| | WILMINGTON | 79 | 53 | 84 | 41 | 66 | -1 | 0.00 | -0.82 | 0.00 | 4.34 | 55 | 9.57 | 60 | 83 | 34 | 0 | 0 | 0 | 0 |
| ND | BISMARCK | 58 | 37 | 74 | 32 | 47 | -4 | 0.36 | -0.07 | 0.13 | 1.50 | 56 | 1.88 | 52 | 78 | 56 | 0 | 2 | 3 | 0 |
| | DICKINSON | 55 | 33 | 73 | 22 | 44 | -6 | 0.09 | -0.32 | 0.08 | 3.33 | 119 | 3.79 | 105 | 92 | 45 | 0 | 2 | 2 | 0 |
| | FARGO | 59 | 43 | 75 | 36 | 51 | -1 | 0.61 | 0.20 | 0.49 | 2.62 | 91 | 3.45 | 81 | 83 | 57 | 0 | 0 | 3 | 0 |
| | GRAND FORKS | 58 | 40 | 70 | 30 | 49 | -3 | 0.66 | 0.30 | 0.36 | 2.73 | 112 | 3.91 | 106 | 93 | 56 | 0 | 1 | 4 | 0 |
| | JAMESTOWN | 57 | 40 | 75 | 33 | 49 | -3 | 0.97 | 0.58 | 0.58 | 1.80 | 69 | 2.01 | 54 | 86 | 53 | 0 | 0 | 2 | 1 |
| | WILLISTON | 57 | 33 | 76 | 26 | 45 | -5 | 0.44 | 0.11 | 0.43 | 4.88 | 236 | 5.32 | 177 | 88 | 64 | 0 | 4 | 2 | 0 |
| OH | AKRON-CANTON | 68 | 48 | 74 | 36 | 58 | 4 | 0.35 | -0.52 | 0.35 | 5.42 | 74 | 10.88 | 90 | 70 | 47 | 0 | 0 | 1 | 0 |
| | CINCINNATI | 70 | 52 | 76 | 48 | 61 | 1 | 0.75 | -0.19 | 0.68 | 12.05 | 139 | 17.60 | 123 | 81 | 56 | 0 | 0 | 3 | 1 |
| | CLEVELAND | 68 | 50 | 75 | 38 | 59 | 5 | 0.14 | -0.62 | 0.14 | 4.13 | 59 | 8.85 | 75 | 72 | 37 | 0 | 0 | 1 | 0 |
| | COLUMBUS | 71 | 53 | 75 | 47 | 62 | 4 | 0.24 | -0.59 | 0.21 | 6.24 | 91 | 10.27 | 89 | 73 | 50 | 0 | 0 | 2 | 0 |
| | DAYTON | 68 | 50 | 74 | 44 | 59 | 2 | 0.66 | -0.26 | 0.35 | 8.43 | 104 | 13.06 | 101 | 86 | 54 | 0 | 0 | 3 | 0 |
| | MANSFIELD | 68 | 49 | 75 | 38 | 58 | 5 | 0.49 | -0.47 | 0.49 | 6.52 | 78 | 11.72 | 89 | 88 | 39 | 0 | 0 | 1 | 0 |

Based on 1971-2000 normals

*** Not Available

## Weather Data for the Week Ending May 6, 2006

| STATES AND STATIONS | | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | | RELATIVE HUMIDITY PERCENT | | NUMBER OF DAYS TEMP. °F | | NUMBER OF DAYS PRECIP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AVERAGE MAXIMUM | AVERAGE MINIMUM | EXTREME HIGH | EXTREME LOW | AVERAGE | DEPARTURE FROM NORMAL | WEEKLY TOTAL, IN. | DEPARTURE FROM NORMAL | GREATEST IN 24-HOUR, IN. | TOTAL, IN., SINCE MAR01 | PCT. NORMAL SINCE MAR01 | TOTAL, IN., SINCE JAN01 | PCT. NORMAL SINCE JAN01 | AVERAGE MAXIMUM | AVERAGE MINIMUM | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| | TOLEDO | 69 | 49 | 74 | 41 | 59 | 4 | 0.99 | 0.32 | 0.90 | 4.82 | 75 | 9.61 | 94 | 81 | 51 | 0 | 0 | 3 | 1 |
| | YOUNGSTOWN | 70 | 46 | 75 | 31 | 58 | 4 | 0.16 | -0.61 | 0.09 | 4.38 | 62 | 9.06 | 79 | 63 | 37 | 0 | 1 | 2 | 0 |
| OK | OKLAHOMA CITY | 76 | 55 | 83 | 46 | 65 | 0 | 0.84 | -0.17 | 0.56 | 6.80 | 100 | 7.15 | 74 | 87 | 53 | 0 | 0 | 4 | 1 |
| | TULSA | 76 | 56 | 85 | 52 | 66 | 0 | 2.23 | 1.01 | 1.46 | 10.66 | 124 | 11.73 | 97 | 86 | 65 | 0 | 0 | 3 | 2 |
| OR | ASTORIA | 60 | 40 | 75 | 36 | 50 | -1 | 0.62 | -0.20 | 0.31 | 9.69 | 75 | 37.70 | 124 | 85 | 58 | 0 | 0 | 3 | 0 |
| | BURNS | 66 | 32 | 72 | 23 | 49 | 1 | 0.00 | -0.20 | 0.00 | 2.37 | 104 | 4.86 | 107 | 65 | 30 | 0 | 4 | 0 | 0 |
| | EUGENE | 66 | 38 | 76 | 33 | 52 | -1 | 0.00 | -0.65 | 0.00 | 6.49 | 65 | 22.19 | 92 | 83 | 59 | 0 | 0 | 0 | 0 |
| | MEDFORD | 77 | 41 | 81 | 35 | 59 | 4 | 0.00 | -0.28 | 0.00 | 3.46 | 102 | 10.52 | 132 | 73 | 24 | 0 | 0 | 0 | 0 |
| | PENDLETON | 67 | 36 | 76 | 27 | 51 | -4 | 0.00 | -0.26 | 0.00 | 3.51 | 134 | 6.06 | 115 | 62 | 32 | 0 | 2 | 0 | 0 |
| | PORTLAND | 68 | 43 | 77 | 37 | 56 | 1 | 0.02 | -0.53 | 0.02 | 5.45 | 80 | 18.53 | 115 | 72 | 43 | 0 | 0 | 1 | 0 |
| | SALEM | 68 | 38 | 79 | 32 | 53 | 0 | 0.00 | -0.52 | 0.00 | 6.63 | 90 | 22.12 | 121 | 75 | 47 | 0 | 1 | 0 | 0 |
| PA | ALLENTOWN | 75 | 42 | 81 | 32 | 58 | 3 | 0.00 | -0.93 | 0.00 | 4.11 | 52 | 11.71 | 83 | 69 | 29 | 0 | 1 | 0 | 0 |
| | ERIE | 68 | 46 | 75 | 35 | 57 | 4 | 0.00 | -0.69 | 0.00 | 5.16 | 73 | 10.13 | 85 | 60 | 43 | 0 | 0 | 0 | 0 |
| | MIDDLETOWN | 76 | 47 | 80 | 41 | 62 | 5 | 0.00 | -0.89 | 0.00 | 3.84 | 53 | 10.45 | 80 | 76 | 27 | 0 | 0 | 0 | 0 |
| | PHILADELPHIA | 75 | 50 | 82 | 42 | 63 | 4 | 0.00 | -0.87 | 0.00 | 4.63 | 58 | 10.48 | 73 | 63 | 30 | 0 | 0 | 0 | 0 |
| | PITTSBURGH | 70 | 48 | 74 | 42 | 59 | 3 | 0.03 | -0.73 | 0.03 | 5.17 | 76 | 10.65 | 89 | 75 | 33 | 0 | 0 | 1 | 0 |
| | WILKES-BARRE | 72 | 43 | 79 | 37 | 57 | 2 | 0.00 | -0.80 | 0.00 | 4.47 | 67 | 9.95 | 89 | 67 | 26 | 0 | 0 | 0 | 0 |
| | WILLIAMSPORT | 76 | 41 | 83 | 34 | 59 | 4 | 0.00 | -0.80 | 0.00 | 3.55 | 48 | 10.68 | 83 | 73 | 28 | 0 | 0 | 0 | 0 |
| RI | PROVIDENCE | 66 | 47 | 81 | 39 | 56 | 2 | 1.04 | 0.21 | 0.67 | 4.80 | 52 | 12.66 | 74 | 75 | 55 | 0 | 0 | 3 | 1 |
| SC | BEAUFORT | 81 | 57 | 89 | 49 | 69 | 0 | 0.00 | -0.40 | 0.00 | 5.40 | 77 | 11.20 | 79 | 81 | 31 | 0 | 0 | 0 | 0 |
| | CHARLESTON | 82 | 57 | 90 | 48 | 70 | 1 | 0.12 | -0.44 | 0.09 | 3.56 | 49 | 9.79 | 68 | 83 | 31 | 1 | 0 | 2 | 0 |
| | COLUMBIA | 82 | 55 | 88 | 43 | 68 | 0 | 0.09 | -0.44 | 0.08 | 2.06 | 26 | 8.18 | 49 | 76 | 33 | 0 | 0 | 2 | 0 |
| | GREENVILLE | 77 | 53 | 85 | 47 | 65 | 1 | 0.24 | -0.68 | 0.24 | 5.18 | 54 | 10.24 | 56 | 77 | 35 | 0 | 0 | 1 | 0 |
| SD | ABERDEEN | 59 | 38 | 72 | 30 | 48 | -5 | 0.63 | 0.16 | 0.50 | 3.19 | 89 | 3.74 | 82 | 84 | 71 | 0 | 1 | 2 | 1 |
| | HURON | 62 | 37 | 77 | 28 | 50 | -4 | 0.28 | -0.31 | 0.28 | 2.69 | 60 | 3.12 | 57 | 91 | 53 | 0 | 2 | 1 | 0 |
| | RAPID CITY | 60 | 36 | 70 | 27 | 48 | -3 | 0.03 | -0.54 | 0.01 | 3.31 | 98 | 3.67 | 87 | 81 | 43 | 0 | 1 | 3 | 0 |
| | SIOUX FALLS | 62 | 40 | 73 | 34 | 51 | -2 | 0.45 | -0.22 | 0.41 | 8.88 | 176 | 9.79 | 162 | 83 | 69 | 0 | 0 | 2 | 0 |
| TN | BRISTOL | 73 | 50 | 79 | 43 | 61 | 2 | 0.22 | -0.68 | 0.22 | 8.77 | 111 | 14.65 | 99 | 90 | 42 | 0 | 0 | 1 | 0 |
| | CHATTANOOGA | 74 | 53 | 82 | 44 | 64 | 0 | 0.47 | -0.46 | 0.15 | 8.26 | 74 | 15.50 | 72 | 80 | 58 | 0 | 0 | 6 | 0 |
| | KNOXVILLE | 74 | 52 | 80 | 49 | 63 | 1 | 0.20 | -0.81 | 0.14 | 10.94 | 109 | 17.49 | 94 | 94 | 51 | 0 | 0 | 3 | 0 |
| | MEMPHIS | 77 | 61 | 87 | 56 | 69 | 2 | 2.39 | 1.10 | 1.39 | 9.22 | 74 | 20.16 | 96 | 92 | 54 | 0 | 0 | 5 | 2 |
| | NASHVILLE | 73 | 55 | 84 | 47 | 64 | 1 | 1.64 | 0.60 | 0.73 | 8.12 | 84 | 17.38 | 100 | 87 | 55 | 0 | 0 | 5 | 2 |
| TX | ABILENE | 83 | 60 | 92 | 50 | 71 | 2 | 2.60 | 2.12 | 1.44 | 8.40 | 241 | 10.10 | 181 | 80 | 53 | 1 | 0 | 3 | 2 |
| | AMARILLO | 73 | 47 | 90 | 38 | 60 | -1 | 0.50 | 0.12 | 0.33 | 2.29 | 82 | 2.38 | 60 | 88 | 44 | 1 | 0 | 2 | 0 |
| | AUSTIN | 89 | 61 | 92 | 51 | 75 | 3 | 4.37 | 3.44 | 1.95 | 14.41 | 264 | 17.27 | 185 | 88 | 53 | 3 | 0 | 5 | 3 |
| | BEAUMONT | 85 | 65 | 88 | 55 | 75 | 3 | 2.45 | 1.38 | 1.81 | 4.98 | 59 | 8.67 | 49 | 92 | 53 | 0 | 0 | 3 | 2 |
| | BROWNSVILLE | 91 | 74 | 93 | 65 | 82 | 5 | 0.00 | -0.50 | 0.00 | 0.47 | 14 | 1.31 | 22 | 86 | 52 | 6 | 0 | 0 | 0 |
| | CORPUS CHRISTI | 91 | 72 | 94 | 61 | 81 | 6 | 0.00 | -0.63 | 0.00 | 0.58 | 13 | 0.90 | 12 | 87 | 50 | 5 | 0 | 0 | 0 |
| | DEL RIO | 91 | 66 | 96 | 51 | 78 | 3 | 0.88 | 0.38 | 0.88 | 1.63 | 53 | 1.92 | 41 | 76 | 50 | 5 | 0 | 1 | 1 |
| | EL PASO | 89 | 59 | 95 | 52 | 74 | 4 | 0.00 | -0.06 | 0.00 | 0.01 | 2 | 0.31 | 22 | 16 | 8 | 3 | 0 | 0 | 0 |
| | FORT WORTH | 85 | 66 | 89 | 57 | 75 | 6 | 1.86 | 0.80 | 1.26 | 8.12 | 113 | 14.22 | 124 | 77 | 47 | 0 | 0 | 5 | 1 |
| | GALVESTON | 84 | 71 | 85 | 63 | 78 | 4 | 1.07 | 0.38 | 1.07 | 3.76 | 64 | 5.00 | 40 | 85 | 61 | 0 | 0 | 1 | 1 |
| | HOUSTON | 86 | 67 | 88 | 58 | 76 | 3 | 2.04 | 1.09 | 1.30 | 7.33 | 94 | 11.29 | 78 | 90 | 53 | 0 | 0 | 2 | 2 |
| | LUBBOCK | 82 | 54 | 95 | 43 | 68 | 3 | 0.18 | -0.22 | 0.13 | 2.57 | 108 | 2.75 | 76 | 76 | 51 | 2 | 0 | 3 | 0 |
| | MIDLAND | 89 | 60 | 95 | 48 | 74 | 5 | 0.03 | -0.30 | 0.02 | 2.14 | 149 | 3.12 | 122 | 65 | 36 | 4 | 0 | 2 | 0 |
| | SAN ANGELO | 90 | 60 | 96 | 43 | 75 | 5 | 0.13 | -0.45 | 0.12 | 3.39 | 110 | 4.24 | 83 | 73 | 45 | 3 | 0 | 2 | 0 |
| | SAN ANTONIO | 91 | 62 | 95 | 52 | 76 | 3 | 3.20 | 2.35 | 1.66 | 5.96 | 114 | 6.93 | 80 | 86 | 41 | 6 | 0 | 3 | 2 |
| | VICTORIA | 90 | 65 | 92 | 53 | 78 | 4 | 1.34 | 0.38 | 0.92 | 2.55 | 42 | 4.66 | 44 | 90 | 48 | 6 | 0 | 2 | 1 |
| | WACO | 85 | 63 | 88 | 51 | 74 | 4 | 1.82 | 0.86 | 1.41 | 7.55 | 120 | 11.41 | 107 | 85 | 59 | 0 | 0 | 3 | 1 |
| | WICHITA FALLS | 82 | 60 | 93 | 49 | 71 | 3 | 1.50 | 0.77 | 0.55 | 5.78 | 105 | 6.58 | 80 | 80 | 56 | 1 | 0 | 4 | 1 |
| UT | SALT LAKE CITY | 66 | 46 | 70 | 42 | 56 | 1 | 0.44 | -0.08 | 0.29 | 6.22 | 142 | 8.80 | 124 | 72 | 41 | 0 | 0 | 4 | 0 |
| VT | BURLINGTON | 67 | 44 | 76 | 32 | 55 | 4 | 0.91 | 0.19 | 0.42 | 5.45 | 94 | 10.79 | 111 | 85 | 41 | 0 | 1 | 4 | 0 |
| VA | LYNCHBURG | 74 | 45 | 82 | 38 | 60 | 0 | 0.09 | -0.80 | 0.09 | 3.29 | 41 | 8.51 | 58 | 81 | 35 | 0 | 0 | 1 | 0 |
| | NORFOLK | 71 | 56 | 79 | 50 | 64 | 1 | 0.15 | -0.65 | 0.09 | 4.32 | 53 | 7.65 | 50 | 81 | 44 | 0 | 0 | 3 | 0 |
| | RICHMOND | 77 | 49 | 83 | 39 | 63 | 1 | 0.04 | -0.77 | 0.04 | 2.42 | 30 | 6.78 | 47 | 69 | 35 | 0 | 0 | 1 | 0 |
| | ROANOKE | 74 | 50 | 85 | 44 | 62 | 1 | 0.00 | -0.92 | 0.00 | 3.35 | 41 | 8.47 | 58 | 72 | 42 | 0 | 0 | 0 | 0 |
| | WASH/DULLES | 76 | 48 | 82 | 38 | 62 | 4 | 0.00 | -0.83 | 0.00 | 4.93 | 66 | 9.71 | 73 | 69 | 34 | 0 | 0 | 0 | 0 |
| WA | OLYMPIA | 65 | 35 | 76 | 29 | 50 | -1 | 0.01 | -0.57 | 0.01 | 5.24 | 56 | 24.55 | 106 | 81 | 46 | 0 | 3 | 1 | 0 |
| | QUILLAYUTE | 59 | 38 | 73 | 32 | 49 | 0 | 0.30 | -1.11 | 0.26 | 18.96 | 97 | 49.35 | 108 | 84 | 51 | 0 | 1 | 4 | 0 |
| | SEATTLE-TACOMA | 63 | 43 | 74 | 37 | 53 | 0 | 0.00 | -0.43 | 0.00 | 4.92 | 73 | 19.12 | 119 | 73 | 52 | 0 | 0 | 0 | 0 |
| | SPOKANE | 62 | 36 | 71 | 29 | 49 | -2 | 0.35 | 0.02 | 0.35 | 2.91 | 94 | 8.58 | 134 | 68 | 28 | 0 | 1 | 1 | 0 |
| | YAKIMA | 68 | 35 | 75 | 31 | 52 | -1 | 0.00 | -0.08 | 0.00 | 1.03 | 79 | 3.48 | 106 | 64 | 25 | 0 | 1 | 0 | 0 |
| WV | BECKLEY | 67 | 47 | 78 | 43 | 57 | 0 | 0.41 | -0.53 | 0.37 | 7.43 | 95 | 11.55 | 82 | 72 | 55 | 0 | 0 | 3 | 0 |
| | CHARLESTON | 75 | 50 | 83 | 45 | 62 | 3 | 0.03 | -0.85 | 0.02 | 5.78 | 73 | 10.83 | 75 | 82 | 34 | 0 | 0 | 2 | 0 |
| | ELKINS | 70 | 40 | 79 | 35 | 55 | 1 | 0.09 | -0.87 | 0.06 | 7.23 | 87 | 11.57 | 78 | 92 | 34 | 0 | 0 | 3 | 0 |
| | HUNTINGTON | 76 | 53 | 83 | 50 | 64 | 4 | 0.06 | -0.85 | 0.04 | 7.39 | 93 | 12.14 | 85 | 85 | 36 | 0 | 0 | 3 | 0 |
| WI | EAU CLAIRE | 62 | 45 | 72 | 31 | 54 | 1 | 0.51 | -0.21 | 0.36 | 5.15 | 96 | 6.69 | 93 | 85 | 48 | 0 | 1 | 2 | 0 |
| | GREEN BAY | 63 | 44 | 75 | 29 | 54 | 2 | 0.24 | -0.31 | 0.21 | 3.16 | 62 | 6.14 | 84 | 90 | 53 | 0 | 1 | 2 | 0 |
| | LA CROSSE | 63 | 47 | 73 | 34 | 55 | -1 | 0.58 | -0.18 | 0.44 | 7.53 | 125 | 8.71 | 106 | 90 | 50 | 0 | 0 | 2 | 0 |
| | MADISON | 62 | 45 | 72 | 32 | 54 | 1 | 1.35 | 0.65 | 0.95 | 7.78 | 125 | 10.55 | 120 | 84 | 61 | 0 | 1 | 2 | 1 |
| | MILWAUKEE | 61 | 46 | 75 | 37 | 53 | 2 | 0.85 | 0.11 | 0.79 | 7.99 | 114 | 11.82 | 113 | 81 | 65 | 0 | 0 | 3 | 1 |
| WY | CASPER | 61 | 31 | 70 | 26 | 46 | -2 | 0.39 | -0.13 | 0.24 | 2.11 | 74 | 3.50 | 86 | 85 | 53 | 0 | 5 | 4 | 0 |
| | CHEYENNE | 58 | 33 | 72 | 30 | 46 | -1 | 0.77 | 0.27 | 0.34 | 3.20 | 106 | 3.76 | 96 | 82 | 58 | 0 | 3 | 4 | 0 |
| | LANDER | 61 | 34 | 70 | 29 | 48 | -1 | 0.02 | -0.56 | 0.02 | 2.01 | 53 | 3.04 | 62 | 70 | 36 | 0 | 2 | 1 | 0 |
| | SHERIDAN | 61 | 32 | 75 | 24 | 46 | -3 | 0.08 | -0.42 | 0.07 | 2.14 | 67 | 2.66 | 59 | 76 | 51 | 0 | 5 | 2 | 0 |

**Based on 1971-2000 normals**

***** Not Available**

# April Weather Summary

*Weather summary provided by USDA/WAOB*

Cool, wet conditions caused substantial fieldwork and crop developmental delays in California, while above-normal precipitation increased the threat of spring snow-melt flooding from the Sierra Nevada eastward across the interior Northwest. Elsewhere in the West, worsening drought in Arizona and New Mexico maintained severe stress on pastures and rangeland. Meanwhile, a tightening moisture gradient developed on the Plains. Soil moisture improved across the eastern Plains and remained mostly favorable on the northern Plains, while the effects of drought on pastures and winter wheat persisted on the southern High Plains and edged northward through the central High Plains. On April 26, a High Plains freeze aggravated the effects of drought on jointing to heading winter wheat as far south as western Oklahoma and northernmost Texas. Farther east, Midwestern corn and early-season soybean planting proceeded during intervals between occasional showers. Rainfall was heaviest from the upper Mississippi Valley southeastward into the Ohio Valley. In contrast, dry weather allowed corn planting to near completion in the southwestern Corn Belt, including Missouri, where timely, late-month rainfall promoted crop emergence. In the upper Midwest, snow-melt flooding in the Red River Valley yielded to warm, dry conditions, allowing spring wheat and sugarbeet planting to accelerate toward month's end. Elsewhere, hot, mostly dry weather in southern Texas and parts of the Southeast maintained heavy irrigation demands and stressed emerging, dryland summer crops. However, late-month rain boosted soil moisture levels and eased drought in several Southern locations, including the Carolinas and most areas from the lower Mississippi Valley westward.

Cool weather in the West Coast States contrasted with warmer-than-normal conditions across the remainder of the Nation. When California's cool spell broke in late April, it marked the end of a 9-week run of below-normal temperatures. Monthly temperatures averaged as much as 5°F below normal in southern California, but were at least 5°F above normal in a broad part of the Nation's mid-section, stretching from the Dakotas to the upper Great Lakes region and from the southern High Plains to the southern Appalachians.

Along the Red River, early-April water levels climbed nearly 20 feet above flood stage due to melting snow and late-March rainfall. In Fargo, ND, the Red River crested about 19.2 feet above flood stage on April 5, the fifth-highest level there behind April high-water marks in 1897 (22.1 feet), 1997 (21.6 feet), 1882 (19.8 feet), and 1969 (19.3 feet). Similarly, it was the fifth-highest crest (about 19.9 feet above flood stage on April 6) in East Grand Forks, MN, behind 1997 (26.4 feet), 1897 (22.2 feet), 1979 (20.8 feet), and 1882 (20.0 feet).

Farther south, Wichita Falls, TX (102°F on April 15), tied its monthly record high, previously attained on April 12, 1972. Heat peaked in many other locations on April 17, when monthly record highs were established in locations such as Dallas-Ft. Worth, TX (101°F; previously, 100°F on April 18, 1925), McAlester, OK (95°F; previously, 94°F on April 18, 1987), and Fayetteville, AR (93°F; previously, 90°F on April 6, 1960, and April 12, 1972). For Dallas-Ft. Worth, it was the third-earliest triple-digit reading on record behind highs of 100°F on March 9, 1911, and March 21, 1916. Triple-digit temperatures were also observed in several other Texas cities, including Del Rio (101, 101, and 104°F from April 16-18), Wichita Falls (101°F on April 17), and San Antonio (100°F on April 18). On April 18, Mississippi highs of 93°F in Hattiesburg and 91°F in Vicksburg were both 1°F shy of monthly record highs (94°F on April 29, 1955, and 92°F on April 28, 2002, respectively). Farther east, Greenville-Spartanburg, SC (92°F on April 17), also missed its monthly record (93°F on April 27, 1986) by 1°F. In Nashville, TN, where it was the third-warmest April on record behind 1871 and 1954, temperatures climbed to 80°F or higher on 11 days, including 8 in a row from April 12-19. Elsewhere, Oklahoma City, OK, measured a record-setting number of days (6) with April highs of 90°F or above. Oklahoma City's previous April record of 5 such days was set in 1893 and 1936.

**Record-High April Average Temperature (°F)**

| Location | Avg. | Dep. | Previous Record |
|---|---|---|---|
| Laredo, TX | 81.9 | +5.9 | 80.9 in 1967 |
| Harlingen, TX | 81.0 | +7.3 | not available |
| McAllen, TX | 80.7 | +4.9 | not available |
| Corpus Christi, TX | 77.6 | +6.1 | 77.5 in 2002 |
| San Antonio, TX | 76.7 | +8.1 | 76.6 in 1967 |
| Tupelo, MS | 68.2 | +7.3 | 67.5 in 1948 |
| Oklahoma City, OK | 67.3 | +7.6 | 66.8 in 1930 |
| Pinson, AL | 66.5 | +6.3 | 65.9 in 1999 |
| Jackson, KY | 62.5 | +6.2 | 61.4 in 1981 |

Later, however, a brief cold snap on the High Plains resulted in a freeze on April 26 as far south as Texas' northern panhandle, threatening jointing to heading winter wheat. Four days after the freeze, USDA/NASS reported that wheat was 60 percent (%) jointed in Colorado and 92 to 99% jointed in freeze-affected areas of north-central and western Kansas. Temperatures below 25°F are often used as an indicator of possible damage to jointed wheat, and such readings were mostly confined to northwestern Kansas and parts of eastern Colorado. Readings of 30°F or below, used as a benchmark for potential damage to headed wheat, were noted in most of eastern Colorado, the western one-third of Kansas, and scattered locations in the panhandles of western Oklahoma and northern Texas, respectively. On April 30, wheat headed numbers stood at 89% in Oklahoma but ranged from 5 to 39% in north-central and western Kansas. Colorado wheat was 3% headed. Damage to wheat, if any, occurred on fields with already reduced yield potential due to drought. Among more than two dozen daily records across the Plains and Midwest on April 26 were lows of 20°F in Sidney, NE, 22°F in Tribune, KS, and 25°F in Mansfield, OH. Other April 26 readings included 17°F in Limon, CO, and 29°F in Guymon, OK. Farther east, record lows were observed in locations such as Parkersburg, WV (32°F on April 27), and Montpelier, VT (24°F on April 28).

In California, Redding noted at or below-normal daily average temperatures on 44 consecutive days from February 28 - April 12 and collected a daily-record low of 34°F on April 17, but reported highs of 90°F or higher on 3 of 4 days at the end of April. California's chill was accompanied by wet conditions; in Fresno, the 3.27-inch monthly total was 430% of normal and marked its wettest April since 1967. Elsewhere, warm weather resulted in a scarcity of snowfall and near-record to record-high April temperatures. Only a trace of snow (6.3 inches below normal) fell in Duluth, MN, representing its lowest April total since no snow fell in 1976. One exception to the lack of snow involved a blizzard across the Black Hills and adjacent areas. From April 17-20, Lead, SD, received 64.9 inches of snow and 5.73 inches of liquid equivalent, but nearby Rapid City noted just 1.0 inch of snow and 0.72 inch of liquid. Elsewhere, storm-total snowfall reached 11.0 inches in Lander, WY, and 30.0 inches in Ekalaka, MT. High winds accompanied the storm, with gusts reaching 60 m.p.h. or higher on April 19 in locations such as North Platte, NE (60 m.p.h.), and East Rapid City, SD (69 m.p.h.). A few days later, snow returned to the same general region, with 6.0 inches of snow blanketing Valentine, NE, on April 24.

Farther east, March-April precipitation totaled 8.84 inches (198% of normal) in Sioux Falls, SD, second only to a 9.89-inch sum during the same 2-month period in 1995. Elsewhere in the Midwest, Rochester, MN, experienced its fifth-warmest, fourth-wettest April on record. It was Rochester's warmest April since 1977 and wettest (5.51 inches, or 183% of normal) since a record-high 7.30 inches fell in April 2001. Elsewhere in Minnesota, Minneapolis noted its third-warmest, second-wettest April, with a monthly sum of 5.97 inches (258% of normal). The wettest April in Minneapolis occurred in 2001, when 7.00 inches fell. Meanwhile, phenomenal snow packs remained in place through month's end from the Sierra Nevada eastward across the northern Intermountain West. According to the California Department of Water Resources, the water content of the Sierra Nevada snow pack peaked at 44 inches (155% of the normal seasonal maximum) on April 14, about 2 weeks later than normal. By April 30, the Sierra Nevada snow pack still contained an average of 40 inches of water equivalent, 180% of normal for the date.

April was another active period for severe weather, especially early in the month. There were 38 tornado-related fatalities, mostly on April 2 (26 deaths) and 7 (11 deaths). That number exceeded the number of April tornado deaths (37) during the previous 7 years (1999 to 2005) combined. The majority of the April 2006 fatalities occurred in Tennessee, which suffered 35 deaths from 6 tornadoes. Tennessee's deadliest twisters swept through Newbern, Dyer County (16 deaths on April 2) and Gallatin, Sumner County (8 deaths on April 7). By April 30, the Nation's preliminary year-to-date tornado count reached 609, a number not achieved the previous 2 years until June.

Toward month's end, heavy rain overspread the eastern Plains and parts of the South. In Kansas, Topeka's 2-day (April 28-29) total reached 3.10 inches. Daily records for April 29 included 4.43 inches in North Little Rock, AR, and 5.02 inches in New Iberia, LA. For North Little Rock, it was the wettest day since October 29, 1991, when 4.69 inches fell. In contrast, Brownsville, TX—coming off its driest year since 1953—received just 1.29 inches of rain (24% of normal) during the first 4 months of 2006. Similarly, San Antonio, TX, netted just 13.66 inches of rain (41% of normal) for the year ending April 30, 2006, breaking its May 1938 - April 1939 record of 14.16 inches. Meanwhile in northern Texas, the surface level of Lake Meredith fell to 58.40 feet on April 30, falling below the June 2004 record low of 58.41 feet. Just 7 years ago, on August 21, 1999, Lake Meredith achieved a record high level of 95.43 feet. Nearby Amarillo, TX, received precipitation totaling just 2.65 inches (32% of normal)—nearly half (1.25 inches) of that from March 18-20—during the 242-day period from September 2005 - April 2006. Farther west, Tucson, AZ, received rainfall totaling 0.79 inch from September 2005 - April 2006, establishing a record for its driest 8-month period (previously, 1.22 inches from October 1999 - May 2000).

Meanwhile, short-term dryness became a concern in several areas, including Florida. No measurable rain fell during April in Naples, FL, for only the fourth time in the last 65 years (a trace fell in 2006; no rain fell in 1946, 1967, and 1970). Naples also completed its second-driest March-April period (0.08 inch, or 2% of normal) behind 0.03 inch in 1974. Elsewhere in Florida, year-to-date rainfall totals were as low as 1.00 inch (13% of normal) in Key West, 3.03 inches (35%) in Fort Myers, and 3.86 inches (36%) in Orlando. The previous lowest January-April total in Orlando was 4.26 inches in 2000.

In contrast, Great Falls and Helena, MT, completed their wettest October-April periods since 1992-93. Great Falls measured 8.40 inches (145% of normal) from October 2005 - April 2006, compared with 9.10 inches during the same period in 1992-93; Helena received 6.35 inches (157%), compared with 6.65 inches from October 1992 - April 1993. In April alone, monthly rainfall records were broken in Montana locations such as Lake View (3.75 inches) and Townsend (2.25 inches).

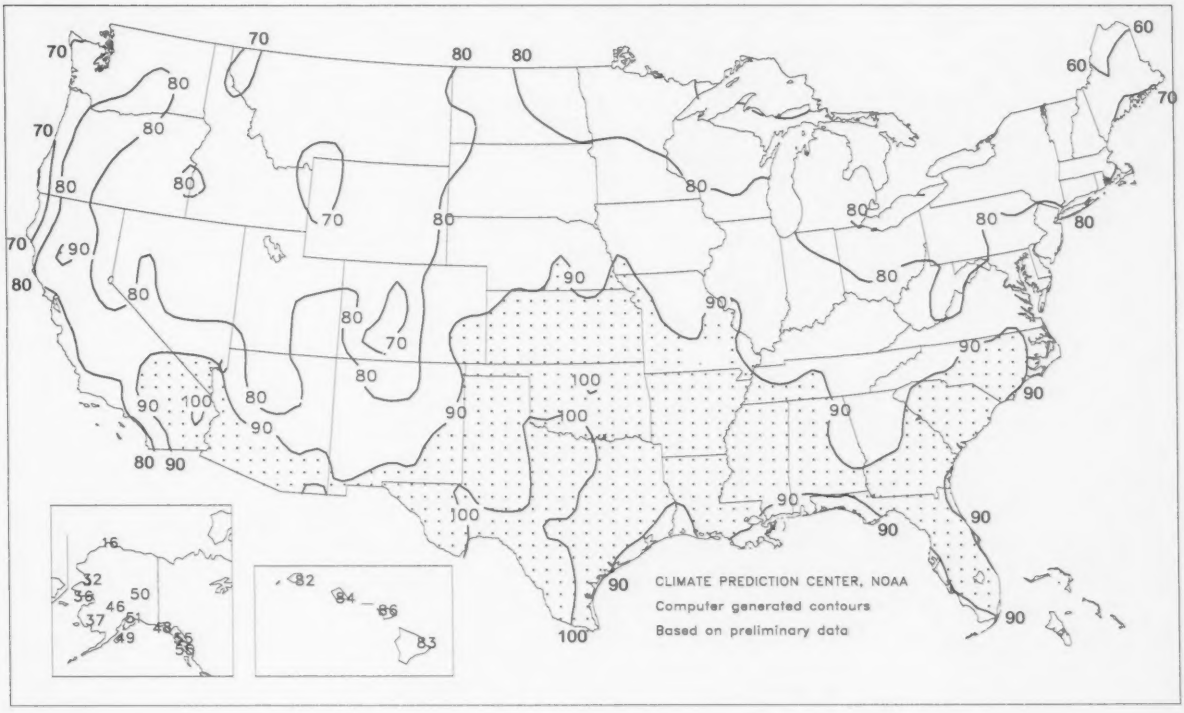
**Record-High April Precipitation (Inches)**

| Location | Total | Normal | Previous Record |
|---|---|---|---|
| Lakefield, MN | 7.28 | 2.80 | 6.64 in 2001 |
| Lakeview, MT | 3.75 | 1.54 | 3.56 in 1986 |
| Butte, MT | 3.14 | 1.02 | 2.87 in 1922 |
| Townsend, MT | 2.25 | 0.71 | 2.01 in 2003 |

Hawaii completed a drier-than-normal April, following one of its wettest months on record. At Hawaii's major observing stations, April rainfall ranged from 0.20 inch (11% of normal) at Kahului, Maui, to 7.90 inches (63%) at Hilo, on the Big Island. Farther north, much of Alaska experienced cooler- and wetter-than-normal April conditions. Some of the coldest conditions were observed in western Alaska, where Nome's April average temperature of 12.4°F was 7.2°F below normal. Wetness was most pronounced across Alaska's southern tier, where April totals reached 1.76 inches (271% of normal) in Bethel and 12.57 inches (171%) on Annette Island. Bethel's total included 28.7 inches of snow, more than doubling its April 1975 record of 14.3 inches.

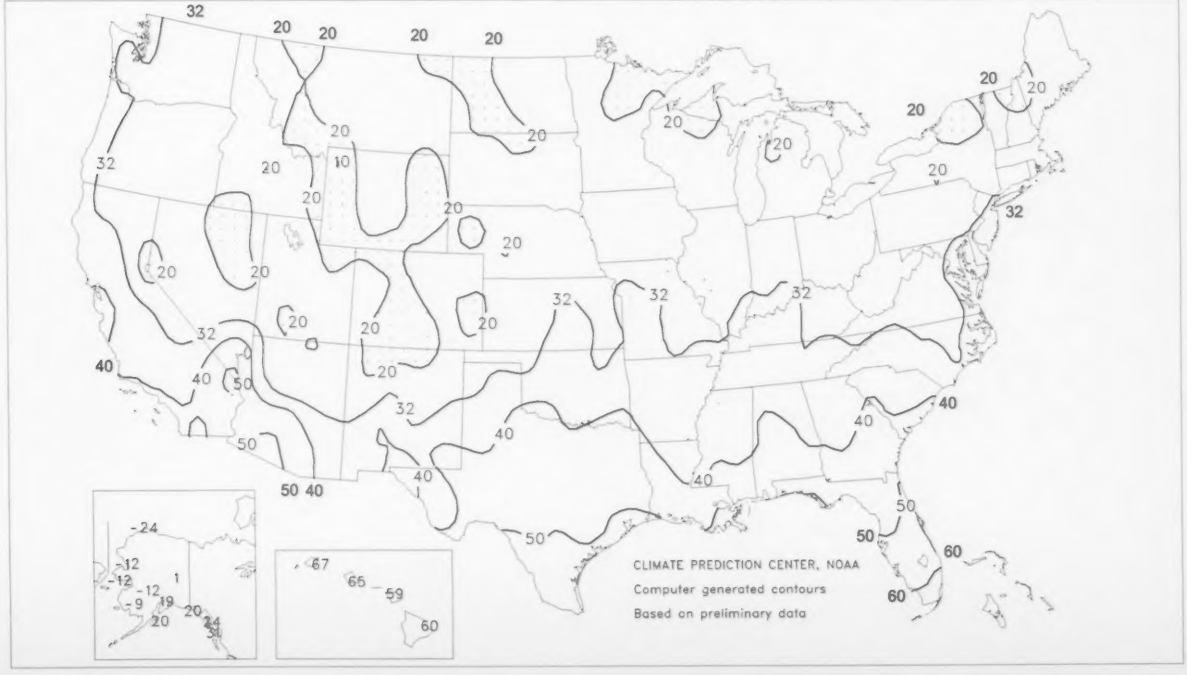
Extreme Maximum Temperature (°F)

April 2006



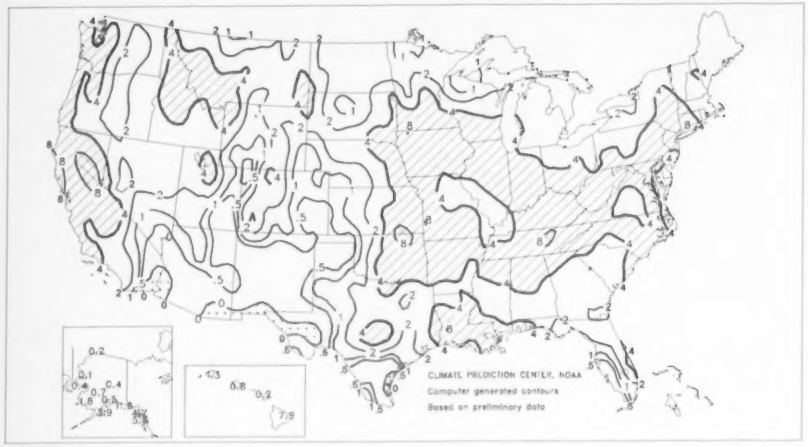

Extreme Minimum Temperature (°F)

April 2006



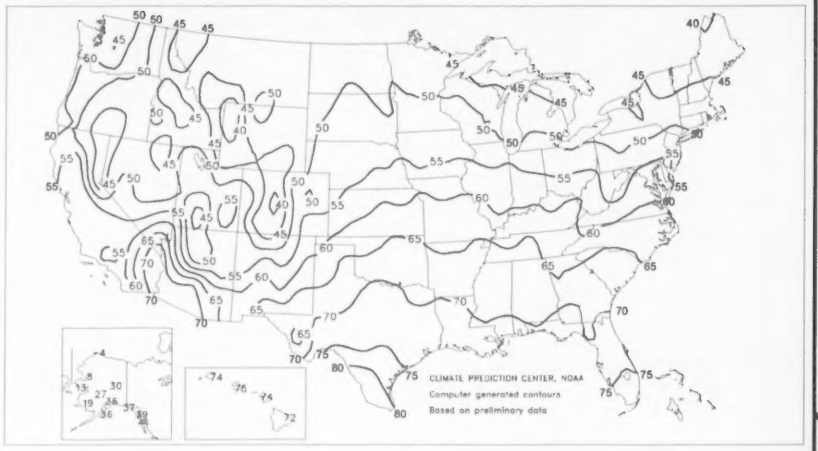
Total Precipitation (Inches)

April 2006



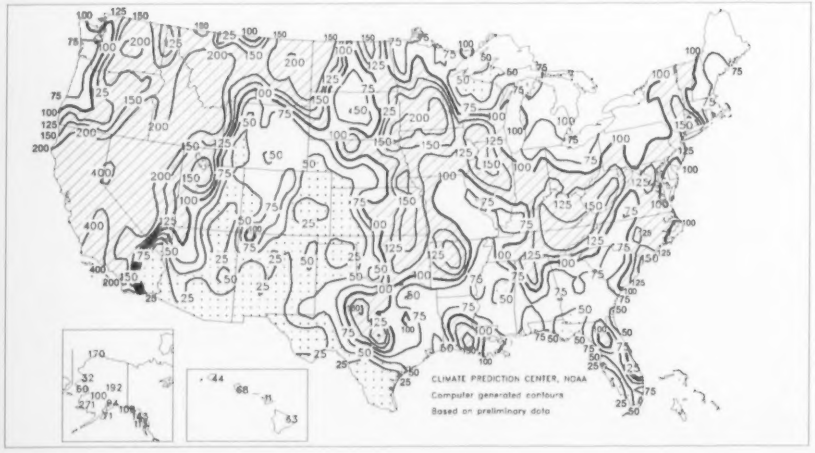

Average Temperature (°F)

April 2006



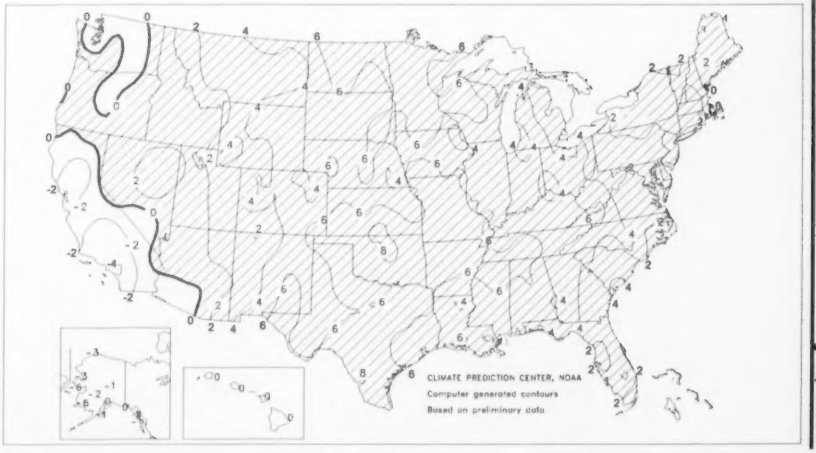

Percent Of Normal Precipitation

April 2006




Departure of Average Temperature from Normal (°F)

April 2006



## TEMPERATURE AND PRECIPITATION SUMMARY

### April 2006

| STATES AND STATIONS | TEMP, °F | | PRECIP. | |
|---|---|---|---|---|
| | AVERAGE | DEPARTURE | TOTAL | DEPARTURE |
| AL BIRMINGHAM | 68 | 7 | 7.81 | 3.14 |
| HUNTSVILLE | 67 | 7 | 4.66 | 0.12 |
| MOBILE | 71 | 5 | 3.37 | -1.69 |
| MONTGOMERY | 69 | 5 | 2.53 | -1.85 |
| AK ANCHORAGE | 36 | 0 | 0.49 | -0.03 |
| BARROW | -4 | -3 | 0.20 | 0.08 |
| COLD BAY | 33 | 0 | 2.32 | 0.02 |
| FAIRBANKS | 30 | -2 | 0.40 | 0.19 |
| JUNEAU | 39 | -2 | 4.24 | 1.28 |
| KING SALMON | 31 | -2 | 2.17 | 1.23 |
| KODIAK | 36 | -1 | 3.87 | -1.61 |
| NOME | 13 | -7 | 0.39 | -0.26 |
| AZ FLAGSTAFF | 45 | 2 | 0.99 | -0.30 |
| PHOENIX | 73 | 3 | 0.00 | -0.25 |
| TUCSON | 69 | 3 | 0.00 | -0.28 |
| AR FORT SMITH | 67 | 6 | 5.33 | 1.42 |
| LITTLE ROCK | 68 | 7 | 7.98 | 2.51 |
| CA BAKERSFIELD | 60 | -3 | 1.99 | 1.54 |
| EUREKA | 49 | -2 | 4.08 | 1.17 |
| FRESNO | 60 | -1 | 3.27 | 2.51 |
| LOS ANGELES | 59 | -2 | 1.63 | 1.00 |
| REDDING | 58 | 0 | 6.09 | 3.69 |
| SACRAMENTO | 58 | -1 | 3.28 | 2.26 |
| SAN DIEGO | 62 | -1 | 0.88 | 0.13 |
| SAN FRANCISCO | 56 | 0 | 4.01 | 2.84 |
| STOCKTON | 58 | -2 | 2.65 | 1.69 |
| CO ALAMOSA | 45 | 4 | 0.36 | -0.18 |
| CO SPRINGS | 51 | 6 | 0.09 | -1.53 |
| DENVER | 52 | 7 | 0.67 | -0.38 |
| GRAND JUNCTION | 55 | 4 | 0.34 | -0.52 |
| PUEBLO | 54 | 4 | 0.16 | -1.09 |
| CT BRIDGEPORT | 51 | 2 | 7.98 | 3.99 |
| HARTFORD | 51 | 2 | 3.89 | 0.03 |
| DC WASHINGTON | 59 | 3 | 3.10 | 0.33 |
| DE WILMINGTON | 55 | 3 | 4.36 | 0.97 |
| FL DAYTONA BEACH | 73 | 4 | 1.11 | -1.43 |
| FT LAUDERDALE | 78 | 4 | 1.49 | -2.42 |
| FT MYERS | 75 | 1 | 0.01 | -1.66 |
| JACKSONVILLE | 70 | 3 | 1.22 | -1.92 |
| KEY WEST | 76 | -1 | 0.01 | -2.05 |
| MELBOURNE | 74 | 4 | 1.15 | -0.93 |
| MIAMI | 77 | 1 | 0.23 | -3.13 |
| ORLANDO | 74 | 3 | 1.05 | -1.37 |
| PENSACOLA | 72 | 5 | 3.31 | -0.58 |
| ST PETERSBURG | 75 | 3 | 0.11 | -1.81 |
| TALLAHASSEE | 71 | 5 | 1.08 | -2.51 |
| TAMPA | 74 | 3 | 1.03 | -0.77 |
| WEST PALM BEACH | 76 | 2 | 4.69 | 1.12 |
| GA ATHENS | 65 | 4 | 2.35 | -1.00 |
| ATLANTA | 66 | 4 | 2.48 | -1.14 |
| AUGUSTA | 66 | 4 | 2.34 | -0.60 |
| COLUMBUS | 69 | 5 | 2.91 | -0.93 |
| MACON | 67 | 4 | 2.48 | -0.66 |
| SAVANNAH | 68 | 3 | 1.91 | -1.41 |
| HI HILO | 72 | -1 | 7.90 | -4.64 |
| HONOLULU | 75 | -1 | 0.75 | -0.36 |
| KAHULUI | 74 | 0 | 0.20 | -1.55 |
| LIHUE | 74 | 0 | 1.31 | -1.69 |
| ID BOISE | 52 | 1 | 1.82 | 0.55 |
| LEWISTON | 52 | 1 | 2.25 | 0.95 |
| POCATELLO | 47 | 1 | 2.04 | 0.86 |
| IL CHICAGO/O'HARE | 53 | 5 | 3.60 | -0.08 |
| MOLINE | 56 | 5 | 5.08 | 1.26 |
| PEORIA | 56 | 5 | 5.18 | 1.62 |
| ROCKFORD | 53 | 5 | 4.30 | 0.68 |
| SPRINGFIELD | 56 | 5 | 4.40 | 1.04 |
| IN EVANSVILLE | 60 | 4 | 3.44 | -1.04 |
| FORT WAYNE | 53 | 4 | 4.26 | 0.72 |
| INDIANAPOLIS | 57 | 5 | 3.63 | 0.02 |
| SOUTH BEND | 52 | 4 | 2.41 | -1.21 |
| IA BURLINGTON | 58 | 6 | 4.34 | 0.73 |
| CEDAR RAPIDS | 53 | 4 | 3.17 | -0.05 |
| DES MOINES | 57 | 6 | 4.30 | 0.72 |
| DUBUQUE | 52 | 5 | 6.60 | 3.11 |
| SIOUX CITY | 54 | 5 | 3.37 | 0.62 |
| WATERLOO | 52 | 4 | 5.19 | 1.96 |
| KS CONCORDIA | 58 | 5 | 2.11 | -0.34 |
| DODGE CITY | 60 | 6 | 0.79 | -1.46 |
| GOODLAND | 54 | 5 | 0.56 | -0.95 |
| HILL CITY | 58 | 6 | 1.49 | -0.44 |
| TOPEKA | 61 | 6 | 5.13 | 1.99 |
| WICHITA | 63 | 8 | 1.99 | -0.58 |
| KY JACKSON | 62 | 6 | 4.57 | 0.78 |
| LEXINGTON | 59 | 4 | 4.55 | 0.88 |
| LONDON-CORBIN | 60 | 4 | 5.63 | 1.62 |
| LOUISVILLE | 61 | 5 | 5.92 | 2.01 |
| PADUCAH | 63 | 6 | 3.46 | -1.49 |
| LA BATON ROUGE | 73 | 6 | 3.01 | -2.55 |
| LAKE CHARLES | 73 | 6 | 2.45 | -1.19 |
| NEW ORLEANS | 73 | 5 | 3.78 | -1.24 |
| SHREVEPORT | 71 | 6 | 2.24 | -2.18 |
| ME BANGOR | 44 | 1 | 2.75 | -0.57 |
| CARIBOU | 42 | 4 | 1.84 | -0.80 |
| PORTLAND | 46 | 2 | 3.02 | -1.24 |
| MD BALTIMORE | 57 | 4 | 3.28 | 0.28 |
| MA BOSTON | 50 | 2 | 1.83 | -1.77 |
| WORCESTER | 49 | 4 | 2.35 | -1.57 |
| MI ALPENA | 44 | 4 | 1.78 | -0.53 |
| DETROIT | 52 | 4 | 2.71 | -0.34 |
| FLINT | 48 | 3 | 2.18 | -0.95 |
| GRAND RAPIDS | 51 | 5 | 2.22 | -1.26 |
| HOUGHTON LAKE | 46 | 4 | 2.15 | -0.14 |
| LANSING | 50 | 4 | 1.82 | -1.27 |
| MUSKEGON | 49 | 4 | 3.03 | 0.12 |
| TRAVERSE CITY | 47 | 4 | 1.78 | -0.94 |
| MN DULUTH | 46 | 7 | 1.61 | -0.48 |
| INT'L FALLS | 46 | 7 | 1.16 | -0.22 |
| MINNEAPOLIS | 54 | 7 | 5.97 | 3.66 |
| ROCHESTER | 51 | 6 | 5.51 | 2.50 |
| ST. CLOUD | 50 | 6 | 4.03 | 1.90 |
| MS JACKSON | 69 | 6 | 2.55 | -3.43 |
| MERIDIAN | 69 | 5 | 3.73 | -1.89 |
| TUPELO | 68 | 7 | 3.05 | -1.89 |
| MO COLUMBIA | 61 | 7 | 3.25 | -0.91 |
| JOPLIN | 65 | 7 | 4.88 | 0.56 |
| KANSAS CITY | 62 | 8 | 4.15 | 0.77 |
| SPRINGFIELD | 62 | 6 | 5.48 | 1.17 |
| ST JOSEPH | 59 | 5 | 4.56 | 1.33 |
| ST LOUIS | 62 | 5 | 2.10 | -1.59 |
| MT BILLINGS | 50 | 4 | 1.50 | -0.24 |
| BUTTE | 41 | 2 | 3.14 | 2.12 |
| CUT BANK | 45 | 4 | 0.50 | -0.40 |
| GLASGOW | 49 | 5 | 1.16 | 0.41 |
| GREAT FALLS | 46 | 3 | 2.88 | 1.48 |
| HELENA | 48 | 4 | 2.95 | 2.04 |
| MILES CITY | 50 | 3 | 2.58 | 1.18 |
| MISSOULA | 47 | 2 | 3.10 | 2.01 |
| NE GRAND ISLAND | 56 | 6 | 2.41 | -0.20 |
| HASTINGS | 56 | 5 | 2.09 | -0.78 |
| LINCOLN | 56 | 5 | 3.83 | 0.93 |
| MCCOOK | 56 | 6 | 0.68 | -1.54 |
| NORFOLK | 54 | 5 | 2.74 | 0.15 |
| NORTH PLATTE | 53 | 5 | 1.40 | -0.57 |
| OMAHA/EPPLEY | 57 | 6 | 3.81 | 0.87 |
| SCOTTSBLUFF | 51 | 5 | 0.85 | -0.94 |
| VALENTINE | 51 | 5 | 3.13 | 1.16 |
| NV ELKO | 48 | 3 | 2.09 | 1.28 |
| ELY | 44 | 2 | 1.10 | 0.20 |
| LAS VEGAS | 67 | 1 | 0.00 | -0.15 |
| RENO | 51 | 2 | 1.88 | 1.53 |
| WINNEMUCCA | 47 | 0 | 2.87 | 2.02 |
| NH CONCORD | 47 | 2 | 2.64 | -0.43 |
| NJ ATLANTIC CITY | 54 | 3 | 3.45 | 0.00 |
| NEWARK | 56 | 4 | 4.05 | 0.13 |
| NM ALBUQUERQUE | 60 | 4 | 0.13 | -0.37 |
| NY ALBANY | 49 | 2 | 4.73 | 1.43 |
| BINGHAMTON | 47 | 3 | 2.61 | -0.88 |
| BUFFALO | 48 | 3 | 1.98 | -1.06 |
| ROCHESTER | 48 | 3 | 2.18 | -0.57 |
| SYRACUSE | 48 | 3 | 3.93 | 0.54 |
| NC ASHEVILLE | 58 | 4 | 4.58 | 1.08 |
| CHARLOTTE | 63 | 2 | 2.36 | -0.59 |
| GREENSBORO | 62 | 4 | 2.72 | -0.71 |
| HATTERAS | 60 | 0 | 3.22 | -0.07 |
| RALEIGH | 63 | 4 | 4.93 | 2.13 |
| WILMINGTON | 65 | 2 | 3.06 | 0.12 |
| ND BISMARCK | 50 | 7 | 0.73 | -0.73 |
| DICKINSON | 47 | 4 | 2.50 | 0.74 |
| FARGO | 51 | 7 | 1.28 | -0.09 |
| GRAND FORKS | 48 | 6 | 1.09 | -0.14 |
| JAMESTOWN | 48 | 5 | 1.03 | -0.33 |
| MINOT | 50 | 7 | 1.30 | -0.25 |
| WILLISTON | 48 | 6 | 3.18 | 2.13 |
| OH AKRON-CANTON | 52 | 4 | 2.85 | -0.54 |
| CINCINNATI | 58 | 4 | 5.06 | 1.10 |
| CLEVELAND | 51 | 3 | 2.45 | -0.92 |
| COLUMBUS | 57 | 5 | 2.52 | -0.73 |
| DAYTON | 55 | 4 | 4.42 | 0.39 |
| MANSFIELD | 52 | 5 | 2.82 | -1.35 |
| TOLEDO | 53 | 5 | 1.35 | -1.89 |
| YOUNGSTOWN | 51 | 4 | 2.51 | -0.82 |
| OK OKLAHOMA CITY | 67 | 7 | 3.18 | 0.18 |
| TULSA | 67 | 8 | 5.83 | 1.88 |
| OR ASTORIA | 49 | 0 | 3.41 | -1.52 |
| BURNS | 45 | 2 | 1.32 | 0.47 |
| EUGENE | 51 | 1 | 1.94 | -1.72 |
| MEDFORD | 53 | 1 | 1.26 | -0.05 |
| PENDLETON | 51 | 0 | 1.57 | 0.44 |
| PORTLAND | 53 | 2 | 2.47 | -0.17 |
| SALEM | 51 | 1 | 2.46 | -0.30 |
| PA ALLENTOWN | 52 | 3 | 3.19 | -0.30 |
| ERIE | 48 | 1 | 3.13 | -0.25 |
| MIDDLETOWN | 55 | 3 | 3.16 | -0.08 |
| PHILADELPHIA | 56 | 3 | 3.72 | 0.23 |
| PITTSBURGH | 54 | 4 | 3.02 | 0.01 |
| WILKES-BARRE | 50 | 1 | 3.15 | -0.13 |
| WILLIAMSPORT | 51 | 2 | 2.40 | -1.09 |
| PR SAN JUAN | 79 | 0 | 10.06 | 6.35 |
| RI PROVIDENCE | 50 | 1 | 3.19 | -0.97 |
| SC CHARLESTON | 68 | 4 | 3.00 | 0.23 |
| COLUMBIA | 67 | 4 | 1.08 | -1.90 |
| FLORENCE | 66 | 3 | 1.50 | -1.29 |
| GREENVILLE | 65 | 6 | 3.60 | 0.07 |
| MYRTLE BEACH | 65 | 3 | 3.75 | 1.63 |
| SD ABERDEEN | 50 | 5 | 2.41 | 0.58 |
| HURON | 51 | 5 | 1.65 | -0.64 |
| RAPID CITY | 50 | 5 | 2.09 | 0.23 |
| SIOUX FALLS | 52 | 6 | 6.17 | 3.52 |
| TN BRISTOL | 59 | 4 | 5.69 | 2.46 |
| CHATTANOOGA | 65 | 5 | 5.93 | 1.70 |
| JACKSON | 65 | 5 | 5.98 | 0.87 |
| KNOXVILLE | 64 | 6 | 7.57 | 3.58 |
| MEMPHIS | 68 | 8 | 3.72 | -2.07 |
| NASHVILLE | 65 | 7 | 4.14 | 0.21 |
| TX ABILENE | 70 | 5 | 3.17 | 1.50 |
| AMARILLO | 61 | 5 | 0.23 | -1.10 |
| AUSTIN | 74 | 6 | 2.50 | -0.01 |
| BEAUMONT | 72 | 4 | 1.10 | -2.74 |
| BROWNSVILLE | 80 | 6 | 0.05 | -1.91 |
| COLLEGE STATION | 73 | 5 | 2.45 | -0.75 |
| CORPUS CHRISTI | 78 | 7 | 0.25 | -1.80 |
| DALLAS/FT WORTH | 72 | 7 | 1.86 | -1.34 |
| DEL RIO | 77 | 6 | 0.59 | -1.12 |
| EL PASO | 70 | 5 | 0.01 | -0.22 |
| GALVESTON | 74 | 4 | 1.34 | -1.22 |
| HOUSTON | 74 | 5 | 2.93 | -0.67 |
| LUBBOCK | 66 | 6 | 0.77 | -0.52 |
| MIDLAND | 69 | 5 | 0.33 | -0.40 |
| SAN ANGELO | 71 | 6 | 1.34 | -0.26 |
| SAN ANTONIO | 77 | 8 | 1.40 | -1.20 |
| VICTORIA | 74 | 4 | 0.75 | -2.22 |
| WACO | 73 | 7 | 2.46 | -0.53 |
| WICHITA FALLS | 70 | 8 | 1.54 | -1.08 |
| UT SALT LAKE CITY | 53 | 3 | 3.14 | 1.12 |
| VT BURLINGTON | 46 | 2 | 2.92 | 0.04 |
| VA LYNCHBURG | 59 | 4 | 2.44 | -1.02 |
| NORFOLK | 60 | 3 | 3.65 | 0.27 |
| RICHMOND | 60 | 3 | 2.18 | -1.00 |
| ROANOKE | 61 | 5 | 3.00 | -0.61 |
| WASH/DULLES | 57 | 4 | 4.86 | 1.64 |
| WA OLYMPIA | 48 | 1 | 1.89 | -1.69 |
| QUILLAYUTE | 47 | 0 | 5.93 | -1.51 |
| SEATTLE-TACOMA | 50 | 0 | 2.74 | 0.15 |
| SPOKANE | 47 | 0 | 1.68 | 0.40 |
| YAKIMA | 49 | 0 | 0.59 | 0.06 |
| WV BECKLEY | 56 | 5 | 5.19 | 1.77 |
| CHARLESTON | 60 | 6 | 3.85 | 0.60 |
| ELKINS | 52 | 3 | 5.43 | 1.90 |
| HUNTINGTON | 61 | 6 | 4.11 | 0.78 |
| WI EAU CLAIRE | 52 | 7 | 2.03 | -0.88 |
| GREEN BAY | 49 | 5 | 1.97 | -0.59 |
| LA CROSSE | 54 | 6 | 4.78 | 1.40 |
| MADISON | 51 | 5 | 5.04 | 1.69 |
| MILWAUKEE | 50 | 5 | 4.23 | 0.45 |
| WAUSAU | 50 | 6 | 1.30 | -1.54 |
| WY CASPER | 47 | 4 | 1.03 | -0.49 |
| CHEYENNE | 47 | 5 | 0.82 | -0.73 |
| LANDER | 47 | 3 | 1.25 | -0.82 |
| SHERIDAN | 48 | 4 | 1.21 | -0.56 |

Based on 1971-2000 normals

*** Not Available

# National Agricultural Summary

**May 1 - 7, 2006**

*Weekly National Agricultural Summary provided by USDA/NASS*

## HIGHLIGHTS

**Temperatures were below normal in the Pacific Northwest, northern Rocky Mountains, northern and central Great Plains, and western Corn Belt, while above-normal temperatures prevailed elsewhere. Heavy rainfall in the southern Great Plains and Mississippi Delta slowed planting progress but slightly improved winter wheat condition in Texas and Oklahoma. In the Corn Belt, moderate precipitation hindered soybean planting and, to a lesser extent, corn planting. Mostly dry conditions in the western half of the Nation favored small grain seeding in the Pacific Northwest, but summer crop planting in California continued to progress slowly.**

**Corn:** Growers had planted 70 percent of their acreage, compared with 75 percent last year and 64 percent for the 5-year average. Planting advanced 31 percentage points in Michigan and 35 points in Ohio, but elsewhere in the Corn Belt, progress was somewhat limited by persistent rainfall. Planting exceeded the normal pace in all States, except Colorado, Indiana, Minnesota, and the Dakotas. Emergence, at 25 percent, was 3 points ahead of last year and the 5-year average. With the first acres reported emerged in Wisconsin and the Dakotas, emergence had begun in all States and was ahead of normal in most areas.

**Soybeans:** Eighteen percent of the crop had been planted, 6 points behind last year and 1 point behind normal. Planting progress, ahead of normal last week, slipped slightly behind normal as precipitation in the Corn Belt and Mississippi Delta hampered fieldwork. Ohio growers seeded 28 percent of their acreage, while planting advanced 17 points in Michigan and 16 points in Louisiana. Elsewhere, however, progress was limited to 11 points or less.

**Winter Wheat:** Heading advanced to 53 percent, compared with 39 percent last year and 41 percent for the 5-year average. Nearly all acres in Arkansas, North Carolina, and Oklahoma were at or beyond the heading stage. Meanwhile, heading was just getting underway in Idaho, Ohio, and Oregon and had not yet begun in Michigan, Montana, Nebraska, and South Dakota. Development was ahead of normal in most States, trailing behind the normal pace only in California, Nebraska, Ohio, and Oregon.

**Cotton:** Growers had sown 44 percent of their crop, 6 points ahead of last year and 3 points ahead of normal. Planting progressed rapidly in the middle Atlantic Coast States, advancing 35 points in North Carolina and 21 points in Virginia. Though Arkansas producers planted nearly one-fourth of their acreage during the week, progress in the remainder of the Delta slowed due to heavy rainfall, advancing just 9 points in Louisiana and 11 points in Mississippi. In Texas, the largest producing State, planting advanced only 7 points but remained 5 points ahead of normal.

**Sorghum:** Planting advanced to 30 percent complete, compared with 22 percent last year and 24 percent for the 5-year average. Planting was most advanced in the Delta, at 82 percent complete in Arkansas and 83 percent complete in Louisiana. With the first signs of progress in Nebraska, New Mexico, and South Dakota, planting was underway in all major producing States. Texas growers, with 68 percent of their acreage planted, were 18 points ahead of the normal pace, while in Kansas, progress trailed 1 point behind normal.

**Rice:** Seventy-nine percent of the acreage had been seeded, 1 point ahead of last year and the 5-year average. Planting was at least 90 percent complete in all States, except California, where planting, delayed by wet conditions earlier in the season, was just getting underway. Emergence, at 71 percent, was 22 points ahead of last year and 15 points ahead of normal. The crop emerged rapidly in the upper portions of the Mississippi Delta, advancing 23 points in Arkansas and 29 points in Missouri.

**Small Grains:** Spring wheat growers had planted 57 percent of their acres, compared with 78 percent last year and 60 percent for the 5-year average. Planting progressed well in the Pacific Northwest, advancing 21 points in Idaho and 19 points in Washington under favorably dry conditions. However, progress remained behind normal in all States except the Dakotas. Emergence advanced to 23 percent, 12 points behind last year and 4 points behind normal. The crop continued to emerge well behind the normal pace in the Pacific Northwest.

Barley planting, at 55 percent complete, was 16 points behind last year and 4 points behind normal. Dry conditions in the Pacific Northwest allowed rapid progress in Idaho and Washington. Eighteen percent of the crop had emerged, compared with 27 percent last year and the 5-year average. Emergence lagged behind normal in all States, except Minnesota.

Oat producers had seeded 86 percent of their acreage, 3 points behind last year but 7 points ahead of normal. Planting was nearly complete in Iowa, Nebraska, and Ohio and was at or ahead of normal in all States. The most rapid progress was in North Dakota, where growers planted nearly one-fourth of their acreage during the week. Emergence, at 62 percent, was 1 point behind last year but 6 points ahead of the 5-year average. One-third of Wisconsin's crop emerged during the week, while emergence advanced 27 points in South Dakota. Only Iowa's and North Dakota's crops trailed behind the normal emergence pace.

**Other Crops:** Peanut planting advanced to 16 percent complete, compared with 11 percent last year and 19 percent for the 5-year average. Planting was most advanced in Virginia, where growers planted 21 percent of their acreage during the week and exceeded the normal planting pace. Alabama producers, with 23 percent of their acreage seeded, were also ahead of normal, but planting trailed normal in all other States.

Sugarbeet growers had planted 70 percent of their acreage, 25 points behind last year and 7 points behind normal. Planting was nearly complete in Michigan, at 96 percent, slightly ahead of normal. Planting passed the halfway mark in the Red River Valley, reaching 62 percent in Minnesota and 54 percent in North Dakota, but continued to trail the normal pace in both States.

# Crop Progress and Condition

## Week Ending May 7, 2006

Weekly U.S. Progress and Condition Tables provided by USDA/NASS

### Winter Wheat Percent Headed

| | May 7 2006 | Prev Week | Prev Year | 5-Yr Avg |
|---|---|---|---|---|
| AR | 99 | 88 | 91 | 93 |
| CA | 94 | 77 | 99 | 98 |
| CO | 11 | 3 | 11 | 8 |
| ID | 1 | 0 | 0 | 0 |
| IL | 60 | 29 | 35 | 38 |
| IN | 27 | 11 | 11 | 21 |
| KS | 72 | 48 | 32 | 38 |
| MI | 0 | 0 | 0 | 0 |
| MO | 83 | 64 | 44 | 51 |
| MT | 0 | 0 | 0 | 0 |
| NE | 0 | 0 | 0 | 1 |
| NC | 96 | 84 | 74 | 81 |
| OH | 1 | 0 | 1 | 2 |
| OK | 97 | 89 | 90 | 90 |
| OR | 1 | 0 | 7 | 6 |
| SD | 0 | 0 | 0 | 0 |
| TX | 76 | 54 | 74 | 72 |
| WA | 10 | 2 | 13 | 6 |
| 18 Sts | 53 | 39 | 39 | 41 |

These 18 States planted 92% of last year's winter wheat acreage.

### Corn Percent Planted

| | May 7 2006 | Prev Week | Prev Year | 5-Yr Avg |
|---|---|---|---|---|
| CO | 37 | 26 | 31 | 39 |
| IL | 85 | 72 | 92 | 76 |
| IN | 52 | 33 | 72 | 62 |
| IA | 81 | 63 | 85 | 71 |
| KS | 81 | 68 | 77 | 75 |
| KY | 85 | 72 | 83 | 75 |
| MI | 62 | 31 | 58 | 44 |
| MN | 56 | 48 | 73 | 62 |
| MO | 93 | 90 | 88 | 81 |
| NE | 67 | 39 | 68 | 60 |
| NC | 97 | 92 | 91 | 90 |
| ND | 31 | 13 | 58 | 44 |
| OH | 78 | 43 | 68 | 60 |
| PA | 58 | 34 | 49 | 41 |
| SD | 35 | 11 | 54 | 41 |
| TN | 92 | 87 | 87 | 90 |
| TX | 91 | 80 | 83 | 86 |
| WI | 52 | 31 | 54 | 38 |
| 18 Sts | 70 | 52 | 75 | 64 |

These 18 States planted 93% of last year's corn acreage.

### Cotton Percent Planted

| | May 7 2006 | Prev Week | Prev Year | 5-Yr Avg |
|---|---|---|---|---|
| AL | 63 | 44 | 55 | 60 |
| AZ | 75 | 56 | 85 | 77 |
| AR | 62 | 38 | 50 | 51 |
| CA | 78 | 68 | 84 | 88 |
| GA | 41 | 24 | 18 | 31 |
| KS | 2 | 0 | 3 | 2 |
| LA | 64 | 55 | 71 | 72 |
| MS | 68 | 57 | 61 | 67 |
| MO | 47 | 44 | 70 | 58 |
| NC | 55 | 20 | 37 | 37 |
| OK | 16 | 6 | 3 | 19 |
| SC | 30 | 17 | 31 | 28 |
| TN | 17 | 10 | 24 | 33 |
| TX | 31 | 24 | 24 | 26 |
| VA | 60 | 39 | 55 | 58 |
| 15 Sts | 44 | 32 | 38 | 41 |

These 15 States planted 99% of last year's cotton acreage.

### Soybeans Percent Planted

| | May 7 2006 | Prev Week | Prev Year | 5-Yr Avg |
|---|---|---|---|---|
| AR | 38 | 32 | 38 | 31 |
| IL | 14 | 5 | 34 | 22 |
| IN | 15 | 5 | 30 | 30 |
| IA | 17 | 6 | 23 | 17 |
| KS | 7 | 5 | 16 | 14 |
| KY | 12 | 6 | 15 | 13 |
| LA | 62 | 46 | 46 | 43 |
| MI | 25 | 8 | 23 | 16 |
| MN | 6 | 3 | 15 | 16 |
| MS | 91 | 87 | 77 | 73 |
| MO | 15 | 13 | 19 | 15 |
| NE | 9 | 3 | 13 | 11 |
| NC | 13 | 7 | 8 | 8 |
| ND | 8 | 0 | 13 | 9 |
| OH | 45 | 17 | 26 | 29 |
| SD | 3 | 1 | 8 | 6 |
| TN | 13 | 7 | 12 | 10 |
| WI | 10 | 4 | 25 | 10 |
| 18 Sts | 18 | 10 | 24 | 19 |

These 18 States planted 95% of last year's soybean acreage.

### Corn Percent Emerged

| | May 7 2006 | Prev Week | Prev Year | 5-Yr Avg |
|---|---|---|---|---|
| CO | 3 | 1 | 6 | 5 |
| IL | 45 | 23 | 49 | 41 |
| IN | 17 | 5 | 22 | 24 |
| IA | 19 | 5 | 13 | 14 |
| KS | 47 | 32 | 34 | 36 |
| KY | 70 | 45 | 53 | 56 |
| MI | 6 | 1 | 3 | 4 |
| MN | 5 | 1 | 1 | 4 |
| MO | 75 | 58 | 60 | 57 |
| NE | 13 | 3 | 9 | 14 |
| NC | 85 | 70 | 62 | 69 |
| ND | 1 | 0 | 2 | 3 |
| OH | 16 | 4 | 10 | 13 |
| PA | 10 | 4 | 7 | 8 |
| SD | 2 | 0 | 2 | 2 |
| TN | 84 | 70 | 62 | 74 |
| TX | 64 | 62 | 68 | 70 |
| WI | 3 | 0 | 3 | 3 |
| 18 Sts | 25 | 13 | 22 | 22 |

These 18 States planted 93% of last year's corn acreage.

### Sorghum Percent Planted

| | May 7 2006 | Prev Week | Prev Year | 5-Yr Avg |
|---|---|---|---|---|
| AR | 82 | 68 | 75 | 77 |
| CO | 14 | 12 | 9 | 5 |
| IL | 15 | 14 | 13 | 13 |
| KS | 7 | 6 | 5 | 8 |
| LA | 83 | 80 | 75 | 68 |
| MO | 34 | 24 | 22 | 27 |
| NE | 2 | 0 | 5 | 4 |
| NM | 1 | 0 | 0 | 1 |
| OK | 19 | 13 | 20 | 18 |
| SD | 4 | 0 | 4 | 2 |
| TX | 68 | 66 | 49 | 50 |
| 11 Sts | 30 | 28 | 22 | 24 |

These 11 States planted 97% of last year's sorghum acreage.

# Crop Progress and Condition

## Week Ending May 7, 2006

Weekly U.S. Progress and Condition Tables provided by USDA/NASS

### Oats Percent Planted

| | May 7 2006 | Prev Week | Prev Year | 5-Yr Avg |
|---|---|---|---|---|
| IA | 99 | 97 | 100 | 98 |
| MN | 80 | 72 | 77 | 70 |
| NE | 97 | 96 | 98 | 95 |
| ND | 51 | 27 | 72 | 47 |
| OH | 98 | 92 | 93 | 87 |
| PA | 91 | 89 | 93 | 81 |
| SD | 87 | 71 | 95 | 81 |
| TX | 100 | 100 | 100 | 100 |
| WI | 91 | 80 | 84 | 71 |
| 9 Sts | 86 | 77 | 89 | 79 |

These 9 States planted 67% of last year's oat acreage.

### Oats Percent Emerged

| | May 7 2006 | Prev Week | Prev Year | 5-Yr Avg |
|---|---|---|---|---|
| IA | 78 | 56 | 94 | 80 |
| MN | 46 | 27 | 39 | 33 |
| NE | 80 | 64 | 86 | 76 |
| ND | 11 | 2 | 31 | 17 |
| OH | 80 | 61 | 59 | 56 |
| PA | 52 | 44 | 41 | 46 |
| SD | 59 | 32 | 64 | 50 |
| TX | 100 | 100 | 100 | 100 |
| WI | 60 | 27 | 41 | 33 |
| 9 Sts | 62 | 47 | 63 | 56 |

These 9 States planted 67% of last year's oat acreage.

### Peanuts Percent Planted

| | May 7 2006 | Prev Week | Prev Year | 5-Yr Avg |
|---|---|---|---|---|
| AL | 23 | 7 | 10 | 19 |
| FL | 14 | 5 | 11 | 22 |
| GA | 13 | 5 | 8 | 15 |
| NC | 13 | 1 | 16 | 19 |
| OK | 15 | 12 | 25 | 27 |
| SC | 24 | 12 | 28 | 28 |
| TX | 18 | 0 | 10 | 22 |
| VA | 31 | 10 | 9 | 28 |
| 7 Sts | 16 | 5 | 11 | 19 |

These 8 States planted 98% of last year's peanut acreage.

### Spring Wheat Percent Planted

| | May 7 2006 | Prev Week | Prev Year | 5-Yr Avg |
|---|---|---|---|---|
| ID | 74 | 53 | 85 | 85 |
| MN | 49 | 44 | 75 | 57 |
| MT | 48 | 35 | 73 | 63 |
| ND | 51 | 32 | 73 | 49 |
| SD | 90 | 83 | 98 | 87 |
| WA | 90 | 71 | 99 | 96 |
| 6 Sts | 57 | 42 | 78 | 60 |

These 6 States planted 99% of last year's spring wheat acreage.

### Spring Wheat Percent Emerged

| | May 7 2006 | Prev Week | Prev Year | 5-Yr Avg |
|---|---|---|---|---|
| ID | 32 | 17 | 55 | 57 |
| MN | 17 | 7 | 19 | 19 |
| MT | 8 | 1 | 23 | 21 |
| ND | 16 | 5 | 29 | 19 |
| SD | 66 | 41 | 79 | 59 |
| WA | 55 | 47 | 78 | 76 |
| 6 Sts | 23 | 11 | 35 | 27 |

These 6 States planted 99% of last year's spring wheat acreage.

### Sugarbeets Percent Planted

| | May 7 2006 | Prev Week | Prev Year | 5-Yr Avg |
|---|---|---|---|---|
| ID | 93 | 83 | 100 | 97 |
| MI | 96 | 89 | 100 | 95 |
| MN | 62 | 46 | 93 | 71 |
| ND | 54 | 34 | 94 | 66 |
| 4 Sts | 70 | 55 | 95 | 77 |

These 4 States planted 82% of last year's sugarbeet acreage.

### Barley Percent Planted

| | May 7 2006 | Prev Week | Prev Year | 5-Yr Avg |
|---|---|---|---|---|
| ID | 60 | 31 | 73 | 78 |
| MN | 52 | 46 | 70 | 51 |
| MT | 68 | 46 | 71 | 65 |
| ND | 38 | 21 | 67 | 40 |
| WA | 88 | 63 | 89 | 91 |
| 5 Sts | 55 | 34 | 71 | 59 |

These 5 States planted 79% of last year's barley acreage.

### Barley Percent Emerged

| | May 7 2006 | Prev Week | Prev Year | 5-Yr Avg |
|---|---|---|---|---|
| ID | 21 | 11 | 37 | 42 |
| MN | 20 | 15 | 14 | 14 |
| MT | 18 | 5 | 21 | 28 |
| ND | 9 | 2 | 21 | 13 |
| WA | 52 | 37 | 61 | 68 |
| 5 Sts | 18 | 8 | 27 | 27 |

These 5 States planted 79% of last year's barley acreage.

### Rice Percent Planted

| | May 7 2006 | Prev Week | Prev Year | 5-Yr Avg |
|---|---|---|---|---|
| AR | 94 | 87 | 86 | 87 |
| CA | 4 | 0 | 26 | 31 |
| LA | 92 | 89 | 90 | 91 |
| MS | 92 | 91 | 91 | 84 |
| MO | 90 | 87 | 84 | 70 |
| TX | 92 | 91 | 96 | 96 |
| 6 Sts | 79 | 74 | 78 | 78 |

These 6 States planted 100% of last year's rice acreage.

### Rice Percent Emerged

| | May 7 2006 | Prev Week | Prev Year | 5-Yr Avg |
|---|---|---|---|---|
| AR | 85 | 62 | 49 | 62 |
| CA | 0 | 0 | 1 | 5 |
| LA | 81 | 75 | 78 | 81 |
| MS | 84 | 72 | 68 | 61 |
| MO | 80 | 51 | 30 | 33 |
| TX | 90 | 87 | 88 | 88 |
| 6 Sts | 71 | 56 | 49 | 56 |

These 6 States planted 100% of last year's rice acreage.

# Crop Progress and Condition

## Week Ending May 7, 2006

Weekly U.S. Progress and Condition Tables provided by USDA/NASS

**Winter Wheat Crop Condition by Percent**

| | VP | P | F | G | EX |
|---|---|---|---|---|---|
| AR | 0 | 5 | 21 | 50 | 24 |
| CA | 0 | 2 | 4 | 31 | 63 |
| CO | 12 | 21 | 38 | 26 | 3 |
| ID | 0 | 3 | 8 | 81 | 8 |
| IL | 0 | 2 | 21 | 57 | 20 |
| IN | 0 | 3 | 14 | 62 | 21 |
| KS | 15 | 24 | 38 | 22 | 1 |
| MI | 1 | 3 | 20 | 56 | 20 |
| MO | 3 | 11 | 30 | 48 | 8 |
| MT | 2 | 4 | 22 | 47 | 25 |
| NE | 7 | 12 | 34 | 42 | 5 |
| NC | 1 | 8 | 41 | 40 | 10 |
| OH | 0 | 3 | 14 | 60 | 23 |
| OK | 41 | 33 | 22 | 4 | 0 |
| OR | 0 | 5 | 25 | 65 | 5 |
| SD | 1 | 11 | 29 | 47 | 12 |
| TX | 49 | 25 | 19 | 7 | 0 |
| WA | 2 | 4 | 19 | 60 | 15 |
| 18 Sts | 19 | 19 | 27 | 29 | 6 |
| Prev Wk | 19 | 19 | 26 | 30 | 6 |
| Prev Yr | 2 | 9 | 30 | 47 | 12 |

**Oats Crop Condition by Percent**

| | VP | P | F | G | EX |
|---|---|---|---|---|---|
| IA | 1 | 2 | 26 | 56 | 15 |
| MN | 0 | 1 | 24 | 61 | 14 |
| NE | 1 | 3 | 26 | 66 | 4 |
| ND | 1 | 1 | 17 | 78 | 3 |
| OH | 0 | 1 | 20 | 64 | 15 |
| PA | 0 | 6 | 32 | 53 | 9 |
| SD | 0 | 3 | 17 | 73 | 7 |
| TX | 34 | 32 | 25 | 8 | 1 |
| WI | 0 | 1 | 8 | 77 | 14 |
| 9 Sts | 9 | 9 | 20 | 55 | 7 |
| Prev Wk | NA | NA | NA | NA | NA |
| Prev Yr | 2 | 8 | 35 | 49 | 6 |

**Pasture and Range Crop Condition by Percent Week Ending May 7, 2006**

| | VP | P | F | G | EX | | VP | P | F | G | EX |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AL | 6 | 30 | 22 | 38 | 4 | NH | 0 | 1 | 43 | 36 | 20 |
| AZ | 51 | 25 | 12 | 11 | 1 | NJ | 0 | 55 | 30 | 15 | 0 |
| AR | 2 | 8 | 34 | 49 | 7 | NM | 32 | 30 | 28 | 10 | 0 |
| CA | 0 | 0 | 1 | 60 | 39 | NY | 2 | 14 | 30 | 50 | 4 |
| CO | 23 | 25 | 40 | 12 | 0 | NC | 2 | 9 | 39 | 46 | 4 |
| CT | 0 | 2 | 23 | 69 | 6 | ND | 1 | 6 | 34 | 50 | 9 |
| DE | 10 | 18 | 42 | 29 | 1 | OH | 1 | 5 | 23 | 55 | 16 |
| FL | 5 | 45 | 49 | 1 | 0 | OK | 19 | 26 | 37 | 17 | 1 |
| GA | 4 | 14 | 40 | 38 | 4 | OR | 0 | 1 | 19 | 56 | 24 |
| ID | 0 | 2 | 15 | 52 | 31 | PA | 7 | 21 | 49 | 20 | 3 |
| IL | 0 | 2 | 14 | 66 | 18 | RI | 0 | 0 | 40 | 60 | 0 |
| IN | 1 | 2 | 15 | 67 | 15 | SC | 0 | 9 | 44 | 45 | 2 |
| IA | 1 | 4 | 26 | 51 | 18 | SD | 1 | 8 | 30 | 51 | 10 |
| KS | 10 | 18 | 39 | 30 | 3 | TN | 1 | 5 | 25 | 56 | 13 |
| KY | 0 | 3 | 21 | 57 | 19 | TX | 28 | 24 | 32 | 14 | 2 |
| LA | 2 | 12 | 38 | 41 | 7 | UT | 0 | 0 | 12 | 67 | 21 |
| ME | 8 | 13 | 33 | 36 | 10 | VT | 0 | 34 | 19 | 45 | 2 |
| MD | 1 | 11 | 38 | 44 | 6 | VA | 6 | 13 | 38 | 40 | 3 |
| MA | 0 | 0 | 8 | 62 | 30 | WA | 0 | 3 | 10 | 79 | 8 |
| MI | 2 | 7 | 29 | 53 | 9 | WV | 2 | 14 | 34 | 46 | 4 |
| MN | 1 | 4 | 22 | 53 | 20 | WI | 1 | 6 | 25 | 53 | 15 |
| MS | 0 | 2 | 37 | 44 | 17 | WY | 0 | 11 | 43 | 46 | 0 |
| MO | 7 | 18 | 43 | 28 | 4 | 48 Sts | 8 | 13 | 30 | 39 | 10 |
| MT | 1 | 5 | 32 | 48 | 14 | | | | | | |
| NE | 2 | 5 | 33 | 54 | 6 | Prev Wk | NA | NA | NA | NA | NA |
| NV | 0 | 0 | 3 | 57 | 40 | Prev Yr | 3 | 11 | 31 | 45 | 10 |

**Rice Crop Condition by Percent**

| | VP | P | F | G | EX |
|---|---|---|---|---|---|
| AR | 0 | 2 | 29 | 50 | 19 |
| CA | 0 | 0 | 60 | 40 | 0 |
| LA | 0 | 1 | 49 | 48 | 2 |
| MS | 0 | 1 | 10 | 79 | 10 |
| MO | 0 | 0 | 18 | 76 | 6 |
| TX | 0 | 4 | 65 | 28 | 3 |
| 6 Sts | 0 | 1 | 37 | 51 | 11 |
| Prev Wk | NA | NA | NA | NA | NA |
| Prev Yr | NA | NA | NA | NA | NA |

**VP - Very Poor;**
**P - Poor;**
**F - Fair;**
**G - Good;**
**EX - Excellent**

**NA - Not Available;**
*** Revised**

National crop conditions for selected States are weighted based on the year 2005 planted acres.

# State Agricultural Summaries

*These summaries, issued weekly through the summer growing season, provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by NASS State Statistical Offices in cooperation with the National Weather Service. The crop weather reports are also available on the Internet through the NASS Home Page on the World Wide Web at http://www.usda.gov/nass/ or from JAWF at http://www.usda.gov/oce/waob/jawf.*

**ALABAMA:** Days suitable for fieldwork 4.9. Topsoil 12% very short, 26% short, 55% adequate, 7% surplus. Corn 96% planted, 89% 2005, 92% avg.; 75% emerged, 62% 2005, 67% avg. Soybeans 34% planted, 17% 2005, 14% avg. Winter wheat condition 6% very poor, 7% poor, 16% fair, 71% good, 0% excellent. Pasture condition 6% very poor, 30% poor, 22% fair, 38% good, 4% excellent. Livestock condition 0% very poor, 5% poor, 25% fair, 56% good, 14% excellent. Last week, the majority of the state received much needed rain. However, even with these rains the state is still suffering from below normal precipitation. Farmers were side dressing corn and planting soybeans and cotton during the week.

**ALASKA:** Days suitable for fieldwork 5.0. Topsoil 0% short, 90% adequate, 10% surplus. Subsoil 100% adequate. Cool spring weather has kept field work to a minimum in most fields across the State. Planting of small grains, as well as most other crops, are on hold until soil temperatures and conditions improve. Fieldwork progress was reported as zero to ten days behind normal. Hay supplies 15% short, 85% adequate. Condition of livestock 15% fair, 40% good, 45% excellent. The main farm activities for the week were preparing machinery, fence repair, ordering, spreading fertilizer. Many local greenhouses are now open for business.

**ARIZONA:** Temperatures for the State were mostly above normal for the week ending May 7. Precipitation was reported at 3 of the 22 reporting stations. Grand Canyon received the most at 0.03 inches of precipitation. Roll received the lowest precipitation at 0.01 inches. All of the reporting stations are at below normal precipitation for the year to date. Alfalfa condition remains mostly fair to good. Range and pasture conditions are very poor to poor.

**ARKANSAS:** Days suitable for field work 3.0. Soil 0% very short, 7% short, 63% adequate, 30% surplus. Corn 100% planted, 98% previous week, 97% previous year, 98% 5- year average; 98% emerged, 92% previous week, 81% previous year, 89% 5-year average. Soybeans 38% planted, 32% previous week, 38% previous year, 31% 5-year average.; 29% emerged,17% previous week, 19% previous year, 16% 5- year average. Sorghum 82% planted ,68% previous week, 75% previous year, 77% 5- year average.; 70% emerged, 49% previous week, 51% previous year, 56% 5- year average. Cotton 62% planted, 38% previous week, 50% previous year, 51% 5 - year average. Rice 94% planted, 87% previous week, 86% previous year, 87% 5- year average.; 85% emerged, 62% previous week, 49% previous year, 62% 5- year average. Winter wheat 99% headed, 88% previous week,91% previous year, 93% 5- year average. Corn 0% very poor, 0% poor, 28% fair, 52% good, 20% excellent. Rice 0% very poor, 2% poor, 29% fair, 50% good, 19% excellent. Hay-Alfalfa 0% very poor, 0% poor, 46% fair, 54% good, 0% excellent Hay-Other 1% very poor, 5% poor, 32% fair, 58% good, 4% excellent. Pasture, range 2% very poor, 8% poor, 34% fair, 49% good, 7% excellent. Winter wheat 0% very poor, 5% poor, 21% fair, 50% good, 24% excellent. Corn planting was completed last week with the crop remaining in mostly good condition. Corn emergence was at 98%. Soybean planting was 38% complete with 29% of the crop emerged. Sorghum planting was 82% complete with 70% of the crop emerged. Cotton planting was well ahead of its normal rate with 62% reported planted. Rice planting was nearing completion with crop emergence at 85%. Winter Wheat heading was nearly complete with the crop in mostly good condition. Wheat in Jefferson county has started to turn color. Livestock were still in good condition. Cattlemen in Lafayette county were treating herds for horn flies. Pastures and hay crop conditions continued to improve with the recent rains. Hay producers are in need of several days of warm, sunny conditions in order to cut and cure hay.

**CALIFORNIA :** Rice fields were being flooded in the Sacramento Valley, and weed treatment began on already flooded fields. The recent warm weather was benefitting the small grain crops, which were growing rapidly. Most winter wheat fields were completely headed. Cotton growers continued planting, and some earlier planted fields in Fresno County were starting to emerge. Recently planted field corn was also germinating quickly due to warm weather. The first alfalfa cutting continued. Sugar beet fields were showing good growth, and good yields were reported from harvested fields. Tree fruit thinning and weed control continued in most orchards. Continuing warm weather enhanced size and maturity of tree fruit. Early varieties of April Snow and Early Treat peaches were harvested. Grape canopies continued to grow well with the onset of sunny days. Several vineyards were treated for nematodes and sulphur to combat mildew. Vineyards were irrigated. Suckering activities on table grapes gained momentum. Kiwifruit bloom was ongoing throughout Fresno County. Pomegranate trees continued to leaf out. Strawberries were harvested in the San Joaquin Valley for sale at roadside stands. Olive trees started to develop bloom buds. General field activities continued in citrus orchards with irrigation, herbicide and insecticide applications. Several citrus growers treated young citrus trees for aphids. The Navel and Valencia orange harvest continued. Navel quality continued to diminish with the warmer temperatures, while the Valencia harvest was progressing well with pack outs peaking at smaller sizes. Citrus groves continued to be topped and hedged for preparation of the new crop. Lemons and grapefruit were also harvested. Growers continued their seasonal cycle of irrigation and cultivation in nut orchards. Nut formation in almond orchards continued, while pistachio and walnut trees continued to leaf out. Almond growers sprayed to control weeds. Walnut orchards were sprayed for blight. Warm weather conditions have contributed to good development of Crookneck and Zucchini squash. Transplant tomatoes, cucumber, eggplant, peppers, and melons were showing good growth as well. Fields of garlic, onions, and tomatoes matured. Cultivating and irrigating of tomatoes and paprika peppers began. Lettuce and broccoli harvest ended in Fresno County. In other areas, harvest of asparagus, spring lettuce, broccoli and spinach continued. Asian vegetables such as kankon, basil, Asian celery, curly mustard greens, sugar and snow pea leaf, and yu choy continued to be harvested. Packing and shipping of radicchio continued. Foothill pastures were beginning to turn brown in many areas. Cattle weight gains were still at an optimum because much green grass remained in pastures. Some mid-May special feeder cattle auctions have been re-scheduled for late May through early June. Some low lying pastures and farm land have still not dried out from the rains in March and April and run-off from mountain snow melt. Milk production improved due to warmer temperatures and drier conditions at dairies. In central California, new crop lambs continued to ship from foothill pastures. Bees were in vacant fields feeding on weed blossoms.

**COLORADO:** Days suitable for fieldwork 5.9. Top soil 21% very short, 40% short, 39% adequate, 0% surplus. Subsoil 25% very short, 52% short, 23% adequate, 0% surplus. Temperatures in Colorado were reported at average across the state last week. The normal temperatures along with cloudy skies were a welcome break from the well above average temperatures reported in previous weeks. Moisture was received along the Front Range, in the Southeastern Plains in the form of isolated thunderstorms. Spring wheat 68% seeded, 67% 2005, 73% avg.; 27% emerged, 29% 2005, 39% avg.; condition 4% poor, 44% fair, 44% good, 8% excellent Spring barley 90% seeded, 83% 2005, 87% avg.; 41% emerged, 43% 2006, 54% avg.; condition 3% poor, 40% fair, 50% good, 7% excellent. Dry onions 96% planted, 96% 2005, 97% avg. Winter wheat 75% jointed, 63% 2005, 67% avg.; 11% headed, 11% 2005, 8% avg.; condition 12% very poor, 21% poor, 38% fair, 26% good, 3% excellent. Summer potatoes 48% planted, 34% 2005, 63% avg.; 6% emerged, 11% 2005, 14% avg. Fall potatoes 30% planted, 17% 2005, 26% avg. Dry beans 1% planted, 0%, 2005, 0% avg. Sugarbeets 73% planted, 78% 2005, 85% avg.; 5% up to stand, 17% 2005, 22% avg. Cows calved 90% 2006, 91% 2005, 86% avg. Ewes lambed 92% 2006, 94% 2005, 89% avg.

**DELAWARE:** Days suitable for fieldwork 7. Topsoil 37% very short, 50% short, 13% adequate. Subsoil 8% very short, 51% short, 41% adequate. Corn 65% planted, 58% 2005, 53% avg.; 30% emerged, 7% 2005, 18% avg. Sorghum 15% planted, 2% 2005, 6% avg. Barley condition 9% very poor, 15% poor, 39% fair, 33% good, 4% excellent; 94% headed, 84% 2005, 78% avg. Winter wheat condition 10% very poor, 14% poor, 37% fair, 36% good, 3% excellent; 44% headed, 15% 2005, 29% avg. Pasture condition 10% very poor, 18% poor, 42% fair, 29% good, 1% excellent. Strawberries 75% bloomed, 75% 2005, 69% avg. Other hay 1st cutting 12%, 4% 2005, 11% avg. Alfalfa hay 1st cutting 14%, 6% 2005, 10% avg. Apples 95% bloomed, 64% 2005, 87% avg. Peaches 99% bloomed, 93% 2005, 95% avg. Snap beans 40% planted, 19% 2005, 30% avg. Sweet corn 29% planted, 29% 2005, 35% avg. Green peas 83% planted, 82% 2005, 83% avg. Potatoes 99% planted, 81% 2005, 86% avg. Tomatoes 14% planted, 14% 2005, 19% avg. Cantaloups 11% planted, 11% 2005, 15% avg. Hay supplies 16% very short, 43% short, 41% adequate. Extremely dry conditions continue. Hay and pasture fields are not producing and fruit without irrigation is stunted.

**FLORIDA:** Topsoil 49% very short, 46% short, 5% adequate. Subsoil 52% very short, 38% short, 10% adequate. Temperature average: 2 deg. below normal to 2 deg. above normal. Highs: 80s, 90s. Lows: 50s, 60s, some areas at least one low 40s. Rainfall: none several areas. Marianna, Quincy over 1.00 in. of rain; Monticello nearly 3.00 in., Carrabelle, Jay over 0.50 in. rain for week. Peanut condition: 14% planted. Peanut growers stopped peanut planting until rains loosen soils, Gadsden County. Peanut planting will resume when growers receive ample rains, Jackson County. Some cotton fields will be replanted due to seed rotting, Jackson County. Dry, clear conditions allowed harvest to proceed on schedule.

Cabbage cutting continued to slow, season winds down. Tomatoes good condition, Quincy. Cantaloupe cutting underway, light amounts available. Growers marketed snap beans, blueberries, celery, sweet corn, cucumbers, eggplant, okra, peppers, potatoes, radishes, squash, tomatoes, watermelons. Light supplies of lettuce. Warm, dry across citrus belt. Cool mornings, daytime temperatures low 90s all areas, a high of 95 degrees, Sebring. No rainfall for week in any monitored counties. Groves with irrigation holding up okay; groves without irrigation beginning to show permanent leaf wilt. In some areas, fruit quality beginning to suffer with Valencias having a squishy feel and rough exterior texture. Caretakers spraying for diseases, hedging after harvest, mowing. Some growers applying copper sprays to control citrus canker. Valencia weekly harvest running over 5 million boxes. Labor shortages due to pickers moving to other crops, possible immigration labor reform issues. Grapefruit harvest slowed significantly last two weeks; majority going to processing. Honey tangerine utilization over 100,000 boxes a week; primarily for fresh market. Pasture throughout State suffering from drought. Panhandle: most pasture, cattle condition fair. North: most pasture, cattle condition poor. Hay feeding active. Central: pasture condition very poor to fair, most poor. Grass not growing due to prolonged drought, some water holes for cattle dry, others very low. Southwest: pasture condition poor to fair. Ranchers battling brush fires. Statewide: cattle condition poor to fair, most fair. Pasture feed 5% very poor, 45% poor, 49% fair, 1% good. Cattle condition 1% very poor, 9% poor, 70% fair, 20% good.

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**GEORGIA:** Days suitable for field work 5.7. Soil 8% very short, 34% short, 53% adequate, 5% surplus. Corn 2% poor, 32% fair, 61% good, 5% excellent. Soybeans 4% emerged, 2% 2005, 5% avg. Sorghum 1% poor, 56% fair, 43% good; 20% planted, 24% 2005, 23% avg. Cotton 1% very poor, 6% poor, 45% fair, 47% good, 1% excellent. Apples 4% poor, 19% fair, 54% good, 23% excellent. Hay 3% very poor, 12% poor, 41% fair, 41% good, 3% excellent. Onions 3% very poor, 8% poor, 28% fair, 50% good, 11% excellent; 45% harvested, 23% 2005, 38% avg. Peaches 5% poor, 15% fair, 80% good; 0% harvested, 0% 2005, 0% avg. Tobacco 3% poor, 45% fair, 50% good, 2% excellent. Watermelons 2% poor, 32% fair, 61% good, 5% excellent; 94% planted, 92% 2005, 94% avg. While many farmers still need rain, weekend showers brought slight relief for drought conditions. Stations reporting measurable precipitation recorded averages of 0.22 inches on Friday and 0.61 inches on Sunday. The state experienced highs in the low 80's and lows in the mid 50's. Light weekend rain improved soil moisture, but crops, hayfields, pastures were beginning to suffer drought stress. Livestock producers continued supplemental feeding. Pastures have been grazed down, more rain will be needed to improve grazing conditions. Some producers began to cut hay, but reported a weak first cutting. Corn planting is complete, but newly planted corn was also in desperate need of a good shower. Lack of rain has tightened the planting window for cotton, peanuts. Some producers planted early to take advantage of early soil moisture and were ahead of schedule for peanuts. Others have paused spring planting in hopes of receiving more rain. An agent in east central Georgia predicted an early wheat harvest because the crop has begun to turn. Commercial vegetables were being harvested in the southern part of the state.

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**HAWAII:** After nearly perfect weather over the past several days of the week ending May 7, 2006, locally heavy rains fell as the weekend approached. A low pressure system to the northeast of the State created low cloud ceilings embedded with moderate to heavy showers that fell mainly over the windward sections of the islands at the end of the week. The eastern islands started receiving the moderate precipitation on Thursday night and drifted southwestward on weekend. The Big Island received the brunt of the heavy rainfall. Mt. View's rain gauge recorded 5.42 inches over the 24-hour period ending 8:45 AM Saturday, while the Glen wood gauge received 7.34 inches of rain over the 24-hour period ending 8:45 AM Sunday. Hilo Airport recorded 12.5 inches during the 3-day weekend. The wet conditions during the weekend kept soil moisture levels adequate to aid crop and pasture development in many areas.

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**IDAHO:** Days suitable for fieldwork 6.4. Topsoil 4% short, 85% adequate, 11% surplus. Winter wheat 34% jointed, 38% 2005, 42% avg.; condition 3% poor, 8% fair, 81% good, 8% excellent. Sugarbeets 30% emerged 74% 2005, 70% average. Oats 54% planted, 63% 2005, 69% avg.; 32% emerged, 43% 2005, 42% average. Onions 100% planted,100% 2005,100% average. Onions 68% emerged, 90% 2005, 91% average. Potatoes 40% planted, 34% 2005, 46% average. Dry peas 62% planted, 79% 2005, 68 % avg.; 28% emerged, 59% 2005, 40% average. Hay, roughage supply:15% very short, 23% short, 62% adequate, 0% surplus. Irrigation water supply 2% fair, 28% good, 70% excellent.

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**ILLINOIS:** Days suitable for fieldwork 3.1. Topsoil 8% short, 80% adequate and 12% surplus. Oats 3% headed, 3% 2005, 2% avg. Alfalfa 11% cut, 10% 2005, 6% avg. Red Clover 11% cut, 2% 2005, 3% avg. Alfalfa condition 1% poor, 16% fair, 63% good, 20% excellent. Red clover condition 2% poor, 18% fair, 61% good, 19% excellent. Pasture condition 2% poor, 14% fair, 66% good, 18% excellent. Rains across the state slowed farmers' progress. However, the gentle rains have helped to replenish topsoil moisture. Most farmers are trying to wrap up their corn planting in order to get on to planting soybeans. Slightly cooler temperatures have slowed emergence, but it should change as the weather gets warmer. Precipitation, cooler temperatures have been good for the winter wheat and hay crops. Besides planting crops, farmers were busy last week with hauling grain, tending livestock, and spraying herbicides.

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**INDIANA:** Days suitable for fieldwork 3.2. Topsoil 0% very short, 3% short, 74% adequate, 23% surplus. Subsoil 1% very short, 5% short, 76% adequate, 18% surplus. Planting of corn and soybeans made good progress in many west central, northern areas. Fieldwork has been hindered in many southern portions of the state by wet soil conditions. Corn planting is about 3 days behind average and 6 days behind last year. Corn 52% planted, 72% 2005, 62% avg.; 17% emerged, 22% 2005, 24% avg. Planting of soybeans is about 5 days behind both last year and the average. Soybeans 15% planted, 30% 2005, 30% avg. Winter wheat 88% jointed, 91% 2005, 93% avg.; 27% headed, 11% 2005, 21% avg.; condition 0% very poor, 3% poor, 14% fair, 62% good, 21% excellent. Pastures 1% very poor, 2% poor, 15% fair, 67% good, 15% excellent. Livestock remain to be in mostly good condition. Some cattle operations are still calving. Average temperatures ranged from 3° below normal to 4° above normal with the high of 81°. Precipitation averaged from .40 inches to 1.88 inches. Activities Included: Spraying chemicals, tillage of soils, applying fertilizer, preparing equipment, hauling, applying manure, fixing tile, and taking care of livestock.

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**IOWA:** Days suitable for fieldwork 2.8. Topsoil 2% short, 84% adequate, 14% surplus across the state. Subsoil 2% very short, 16% short, 70% adequate, 12% surplus. Agricultural Summary: Last week's rains recharged soil moisture, farmers alike. Slow gentle rains over the past two weeks have improved the soil moisture profile with few reports of erosion. Tractors were parked until late in the week while fields dried, so producers had a much needed break. Field Crops Report: The cool nights brought reports of scattered light frost, but no reports of significant damage. Reporters complained that corn was slow to emerge and yellowed due to the persistent cool, cloudy weather. Field work was slowed by poor drying conditions, especially in the northeast and northwest corners of Iowa. Oats 78% emerged, behind last year's 94%, but close to the 80% 5-year average. Corn 81% planted reached, 4% lower than last year's 85% but well ahead of the 71% 5-yr avg.; 19% emerged, 6% ahead of last year, 5% ahead of the 5-year average. Soybeans planted jumped from 6 to 17% planted this week behind last year's 23% but even with the 5-year average. Primary seedbed preparations progressed 6% from last week, to 87%, very close to the 90% last year, and the 85% 5-year average. Fertilizer applications, at 93%, was 2% behind last year, 2% ahead of the 5-year average. Livestock, Pasture and Range Report: Pasture, range condition 1% very poor, 4% poor, 26% fair, 51% good, 18% excellent. Again this week, it is below last year's ratings, but very close to the 5-year average. For most parts of the state, conditions have been ideal for new calves and pastures are coming back after a dry fall and winter.

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**KANSAS:** Days suitable for fieldwork 2.3. Topsoil 9% very short, 18% short, 57% adequate, 16% surplus. Subsoil 19% very short, 31% short, 48% adequate, 2% surplus. Spring planting was the major activity. Wheat 99% jointing, 98% 2005, 92% avg. Wheat insect infestation 67% none, 25% light, 7% moderate, 1% severe. Wheat disease infestation 62% none, 26% light, 8% moderate, 4% severe. Alfalfa 1st cutting 2% harvested. Feed grain supplies 1% very short, 6% short, 92% adequate, 1% surplus. Hay, forage supplies 4% very short, 20% short, 74% adequate, 2% surplus. Stock water supplies 11% very short, 22% short, 66% adequate, and 1% surplus.

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**KENTUCKY:** Days suitable for fieldwork 3.5. Topsoil 1% very short, 3% short, 73% adequate, 23% surplus. Subsoil 2% very short, 10% short, 76% adequate, 12% surplus. For the week temperatures averaged 63°, which was near normal. Precipitation statewide was 0.83 in., 0.23 in. below normal. Corn acres 85% planted, 83% 2005, 75% avg.; 70% emerged, 53% 2005, 56% avg. Soybeans 12% planted, 15% 2005, 13% avg. Winter wheat 85% headed, 50% 2005, 66% avg. Burley tobacco set 5%, 3% 2005, 5% avg. Dark tobacco set 1%, 1% 2005, 4% avg. Ninety-seven percent of farmers report adequate plants for setting the tobacco crop. Corn condition 2% poor, 11% fair, 56% good, 31% excellent. Winter wheat condition 1% poor, 18% fair, 53% good, 28% excellent. Hay crops condition 1% very poor, 4% poor, 22% fair, 55% good, 18% excellent. Tobacco height less than 2 in. 20%, 2-4 in. 40%, larger than 4 in. 40%. Pasture condition rated 3% poor, 21% fair, 57% good, 19% excellent.

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**LOUISIANA:** Days suitable for fieldwork 3.3. Soil 0% very short, 6% short, 61% adequate, 33% surplus. Spring 95% plowing plowed, 93% last week, 97% 2005, 94% avg. Corn 0% very poor, 0% poor, 25% fair, 68% good, 7% excellent. Soybeans 54% emerged, 34% last week, 33% in 2005, 30% avg. Sorghum 0% very poor, 0% poor, 43% fair, 55% good, 2% excellent; 70% emerged, 57% last week, 62% in 2005, 52% avg. Rice 0% very poor, 1% poor, 49% fair, 48% good, 2% excellent. Cotton 54% emerged, 37% last week, 43% in 2005, 44% avg. Hay 1st cutting 39%, 34% last week, 15% in 2005, 25% avg. Wheat 0% very poor, 5% poor, 22% fair, 64% good, 9% excellent; 91% turning color, 76% last week, 45% in 2005, 55% avg. Sugarcane 4% very poor, 12% poor, 40% fair, 24% good, 20% excellent. Livestock 1% very poor, 5% poor, 36% fair, 51% good, 7% excellent.

Vegetable 1% very poor, 7% poor, 38% fair, 45% good, 9% excellent. Range and pasture 2% very poor, 12% poor, 38% fair, 41% good, 7% excellent.

**MARYLAND:** Days suitable for fieldwork 6.6. Topsoil e 22% very short, 40% short, 38% . Subsoil 17% very short, 43% short, 40% adequate. Corn 65% planted, 52% 2005, 49% avg.; 22% emerged, 15% 2005, 17% avg. Soybeans 9% planted, 3% 2005, 5% avg. Barley condition 1% very poor, 6% poor, 22% fair, 62% good, 9% excellent; 89% headed, 74% 2005, 71% avg. Winter wheat condition 3% very poor, 10% poor, 21% fair, 63% good, 3% excellent; 50% headed, 8% 2005, 24% avg. Pasture condition 1% very poor, 11% poor, 38% fair, 44% good, 6% excellent. Strawberries 88% bloomed, 72% 2005, 81% avg.; 6% harvested, 3% 2005, 2% avg. Other hay 1st cutting 18%, 8% 2005, 10% avg. Alfalfa hay 1st cutting 13%, 9% 2005, 8% avg. Apples bloomed 73%, 76% 2005, 89% avg. Peaches bloomed 93%, 76% 2005, 93% avg. Lima beans (Processed) planted 17%, 4% 2005, 7% avg. Snap beans 20% planted, 7% 2005, 15% avg. Sweet corn 45% planted, 51% 2005, 46% avg. Potatoes planted 100%, 96% 2005, 92% avg. Tomatoes planted 42%, 34% 2005, 42% avg. Cantaloups 23% planted, 20% 2005, 29% avg. Hay supplies 13% very short, 17% short, 68% adequate, 2% surplus. The dry weather has been great for fieldwork, but top soil is dry and germination in some areas is being hindered. Dry conditions are keeping disease levels low.

**MICHIGAN:** Days suitable for fieldwork 6. Subsoil 5% very short, 27% short, 66% adequate, 2% surplus. Barley 70% planted, 72% 2005, 60% avg.; 37% emerged, 36% 2005, 38% avg. Oats 1% very poor, 2% poor, 24% fair, 55% good, 18% excellent; 87% planted, 93% 2005, 79% avg.; 67% emerged, 64% 2005, 48% avg. Potatoes 41% planted, 51% 2005; 3% emerged, 1% 2005. Asparagus 26% harvested, 12% 2005, 14% avg. Precipitation amounts ranged from 0.03 inches northeast Lower Peninsula to 0.61 inches southeastern Lower Peninsula. Average temperatures ranged from normal southwest Lower Peninsula to 5° above normal northeast Lower Peninsula. Planting progressed at a rapid pace. Dry weather, cool nights slowed emergence. Dry conditions persisted in the northern, Thumb areas of State while southern, central areas received some rain. Corn planting proceeded at a fast pace. Many farmers concentrated on corn before planting other crops. Soybean planting started most areas. Planting progress faster southern districts than central districts of State. Most sugarbeet emergence generally good except for dry areas. Weed control has been good from timely herbicide application. Hay wintered well and growing. Alfalfa weevil over threshold a few fields southwest. Most oats emerged and good condition. Wheat good condition with growth ahead of normal. Temperatures continued to be warm and mild last week. Light showers some areas caused concern for disease development. Reports regarding previous week's frost damage variable across state. Apples blooming southwest and southeast. Green fruitworm larvae found, and oriental fruit moth a concern central area. Blueberries progressed to early pink bud. Peaches at petal fall southwest, where frost damage was extensive some sites. Southeast, peaches at full bloom to early petal fall for most varieties. Peaches central areas blooming. Pears at petal fall southwest and full bloom southeast. Tart Cherries petal fall and full bloom southern areas. Sweet Cherries shuck southwest and bloom to early petal fall southeast. Southwestern oriental plums shuck and European plums at full bloom. Grape growing shoots severely damaged southwest; moderate damage reported southeast. Strawberries blooming southwest. Moderate frost damage reported by growers southwest and southeast. Vegetable growers continued to plant various crops throughout State. Asparagus harvest advanced rapidly throughout week. A frost on Saturday caused some asparagus to be diverted from fresh market to processing. Transplanting progressing for tomatoes, summer squash, zucchini and cucumbers. Direct seeding also active. Carrot planting and emergence on schedule. Some irrigation required to get carrots to germinate some areas. Onion planting neared completion. Cabbage and onions good shape. Planting of sweet corn continued. Some planting of frost susceptible vegetable crops delayed.

**MINNESOTA:** Days suitable for fieldwork 1.5. Topsoil 0% very short, 1% short, 59% adequate, 40% surplus. Corn 71% land prepared, 84% 2005, 73% avg. Soybeans 17% land prepared, 31% 2005, 32% avg. Dry Beans 2% planted, 4% 2005, 6% avg. Sweet Corn 12% planted, 13% 2005, 15% avg. Sunflowers 3% planted, 7% 2005, 5% avg. Canola 4% planted, 24% 2005, 19% avg. Green Peas 54% planted, 47% 2005, 45% avg. Potatoes 61% planted, 66% 2005, 54% avg. Pasture feed 1% very poor, 4% poor, 22% fair, 53% good, 20% excellent. Alfalfa 1% very poor, 3% poor, 17% fair, 56% good, 23% excellent. Wet field conditions slowed planting progress across the state. Recent soaking rains left most areas muddy and too wet for fieldwork. The number of days suitable for fieldwork activity averaged 1.5 days, down from 5.5 days the previous week. The average temperature for the week was 50.9°, 0.8° below normal.

**MISSISSIPPI:** Days suitable for fieldwork 4.2. Soil 1% very short, 7% short, 67% adequate, 25% surplus. Corn 100% planted, 98% 2005, 99% avg.; 98% emerged, 92% 2005, 94% avg.; 2% poor, 16% fair, 59% good, 23% excellent. Cotton 68% planted, 61% 2005, 67% avg.; 54% emerged, 31% 2005, 40% avg.; 2% very poor, 6% poor, 20% fair, 63% good, 9% excellent. Peanuts 25% planted, NA 2005, NA avg. Rice 92% planted, 91% 2005, 84% avg.; 84% emerged, 68% 2005, 61% avg.; 1% poor, 10% fair, 79% good, 10% excellent. Sorghum 92% planted, 90% 2005, 80% avg.; 84% emerged, 71% 2005, 61% avg.; 7% fair, 93% good. Soybeans 91% planted, 77% 2005 73% avg.; 83% emerged, 53% 2005, 55% avg.; 1% poor, 14% fair, 60% good, 25% excellent. Wheat 100% jointing, 100% 2005, 100% avg.; 99% heading, 95% 2005, 97% avg.; 2% poor, 28% fair, 57% good, 13% excellent. Hay 35% (Harvested Cool) 37% 2005, 48% avg. Watermelons 78% planted, 94% 2005, 89% avg.; 45% fair, 41% good, 14% excellent. Blueberries 16% fair, 77% good, 7% excellent. Cattle 1% very poor, 6% poor, 32% fair, 50% good, 11% excellent. Pasture 2% poor, 37% fair, 44% good, 17% excellent. This week's rain was a blessing for most emerging crops, but hindered field work later in the week. Even though the rain was needed, now farmers are anxious to get into their fields to control weeds. The rain continued to improve pasture conditions and hay harvesting should resume after a few more dry days.

**MISSOURI:** Days suitable for fieldwork 1.9. Topsoil 1% very short, 8% short, 81% adequate, 10% surplus. Cool, cloudy conditions and consistent rain kept fieldwork to a minimum in most of the State. Soybean planting, corn side-dressing have been delayed, while spring tillage advanced only 1 percent from last week. However, the recent rains have improved the agricultural outlook in several respects, including row-crop germination, pasture growth, stock water supplies, and soil moisture. The southeast district was again plagued by severe weather. Mississippi County suffered some hail damage to its corn, cotton, wheat, potato, and watermelon crops. Pasture condition 7% very poor, 18% poor, 43% fair, 28% good, 4% excellent, a significant improvement over last week. Isolated areas in the southwest are still severely short of stock water supplies, but most reports state-wide indicate that run-off has started to refill ponds and streams. Rainfall averaged 1.13 inches for the week. Each district received over half an inch, with the largest amount falling in the southwest district at 2.10 inches.

**MONTANA:** Topsoil 4% surplus, 3% last year, 78% adequate, 59% last year, 16% short, 29% last year, 2% very short, 9% last year. Subsoil 6% surplus, 1% last year, 62% adequate, 32% last year, 25% short, 38% last year, 7% very short, 29% last year Montana experienced light precipitation last week. Culbertson was the wet spot of the state with 0.45 inches of precipitation. West Yellowstone and Wisdom tied for the low temperature at 12 degrees. Bredette, Culbertson, Glendive, Nashua, Harding, and Huntley tied for the high temperature of 80 degrees. According to the NRCS, the outlook for spring and summer stream flows are much better than last year at this time. Forecasts for state stream flows are 84 percent of average west of the divide and 94 percent of average east of the Divide. Great Falls and Helena have received enough moisture to make this the wettest water year since 1992. . Winter wheat condition 2% very poor, 1% last year, 4% poor, 5% last year, 22% fair, 27% last year, 47% good, 56% last year, 25% excellent, 11% last year. Winter wheat boot stage is 4%, 3% last year. Spring wheat 48% planted, 73% last year, 8% emerged, 23% last year. Durum wheat 25% planted, 50% last year, 4% emerged, 9% last year. Barley 68% planted, 71% last year, 18% emerged, 21% last year. Oats 41% planted, 49% last year, and 4% emerged, 16% last year. Ranchers are providing supplemental feed to 43% of cattle and calves, 54% last year, 45% of sheep, lambs, 53% last year. Livestock grazing is 92% open, 88% last year, 6% difficult, 6% last year, 2% closed, 6% last year. Calving is 95% complete, 95% last year, and lambing is 86% complete, 86% last year. Range, pasture feed 14% excellent, 3% last year, 48% good, 22% last year, 32% fair, 44% last year, 5% poor, 20% last year, and 1% very poor, 11% last year. Field tillage work in progress is 11% not started, 5% last year, 20% just started, 15% last year, 69% well underway, 80% last year. Ranchers have moved 25% of cattle and calves, and 13% of sheep and lambs to summer ranges.

**NEBRASKA:** Days suitable for fieldwork 4.5. Topsoil 4% very short, 24% short, 71% adequate, 1% surplus. Subsoil 9% very short, 36% short, 55% adequate, 0% surplus. Cool temperatures, damp soil conditions slowed corn planting in south central, southeastern portions of Nebraska, while the rest of the state remained dry, allowing producers to make significant planting progress. Wheat 64% jointed, 73% 2005, 58% avg. Oats 97% planted, 98% 2005, 95% avg.; 80% emerged, 86% 2005, 76% avg. Sugar beets 89% planted, 85% 2005. Soybeans 9% planted, 13% 2005, 11% avg. Corn 67% planted, 68% 2005, 60% avg.; 13% emerged, 9% last year, 14% avg. Sorghum 2% planted, 5% 2005, 4% avg. Alfalfa conditions 1% very poor, 2% poor, 22% fair, 59% good, and 16% excellent. Activities Included: Planting soybeans, discing, applying fertilizer, chemical, and moving livestock to pasture.

**NEVADA:** Days suitable for fieldwork 6.9. Seasonal warming continued and temperatures averaged above normal for most of the State. Melting snows had rivers, streams running high with several areas of northern Nevada experiencing flooding. Scattered thundershowers passed through the State at midweek, Ely recorded .36 inch of rain. Lightning ignited a few range fires in southern Nevada, but all were controlled fairly quickly. Spring planting was nearing completion most areas, but delayed by flooding in parts of the east. Irrigation was underway. Hay, Fall seeded crops were in good to excellent condition and growing fast in response to the warmer weather. Weed control was underway. Range, pasture growth was rapid. Calving, lambing were near completion, most range livestock were turned out on seasonal range. Mormon crickets were hatching in the North, control efforts were underway. Fence repair was common. Activities: Calving, lambing, branding, grain planting, irrigation, weed spraying, fertilizing fields, and dragging meadows.

**NEW ENGLAND:** Days suitable for field work 5.5. Topsoil 2% very short, 28% short, 66% adequate, 4% surplus. Subsoil 20% short, 77% adequate, 3% surplus. Pasture condition 16% poor, 21% fair, 53% good, 10% excellent. Maine Potatoes 5% planted, 0% 2005, 5% average. Rhode Island Potatoes 50% planted, 40% 2005, 40% average; condition good. Massachusetts Potatoes 70% planted, 35% 2005, 35% average; 5% emerged, 0% 2005, 0% average; condition good. Maine Oats 40% planted, 0% 2005, 5% average. Maine Barley 40% planted, 0% 2005, 5% average. Field Corn 5% planted, 5% 2005, 10% average; condition good/fair. Sweet Corn 15% planted, 10% 2005, 15% average; 5% emerged, 0% 2005, 5% average; condition good/fair. First Crop Hay condition good/fair. Apples: Bud Stage to Early Bloom, condition good. Peaches: Early Bloom to Full Bloom Massachusetts and Full Bloom to Petal Fall elsewhere, condition good. Pears: Full Bloom to Petal Fall in Connecticut and Early Bloom to Full Bloom elsewhere, condition good. Strawberries: Dormant to Bud Stage, condition good. Massachusetts Cranberries: Dormant to Bud Stage, condition good. Highbush Blueberries: Bud Stage, condition good/fair. Maine Wild Blueberries: Bud Stage, condition excellent/good. On Monday, clear skies, warm weather provided ideal conditions for field work. However, rain and colder conditions arrived the next two days. Later in the week, warmer temperatures enhanced crop emergence after recent rains. On Saturday, light rain fell on most of the region. Cool, clear skies finished off the week on Sunday. No major frost damage reported during the week. Activities Included: Planting sweet corn, early vegetables, potatoes, spreading manure, fertilizer, lime, plowing, harrowing fields, pruning trees, fertilizing orchards, working in the greenhouses, and fencing.

**NEW JERSEY:** Days suitable for field work 6.8. Topsoil 35% very short, 30% short, 35% adequate. Temperatures were variable for the week across the state, with mid-week temperatures of ten degrees above normal in some localities. There were no measurable amounts of precipitation in most localities for the week. Agricultural producers continued field preparation for spring crops. Activities Included: Planting, irrigating, greenhouse work, transplanting vegetable crops, topdressing fertilizer, chemical thinning on fruit. Asparagus harvest continued across the state. Harvest of lettuce started in the north. Early tomatoes, sweet corn are under plastic. Harvest of greenhouse tomatoes began. Harvest of overwintered spinach was nearing completion in some fields in the central district. Early peas were in flower in the south. Potatoes were well past green row in the south. Arugula, green onion, leeks, Swiss chard were harvested in the south. Condition of grain and hay crops was rated mostly fair. In the north, peaches were past full bloom and sizing well, in some localities were in shuck stage. Apples were in various stages of bloom in the north. Peaches were sizing well in the south, blueberries were beginning to form. Cranberries had been drained and were doing well. Strawberry picking began in some southern fields. Pasture was rated in mostly poor to fair condition.

**NEW MEXICO:** Days suitable for field work 6.9. Topsoil 65% very short, 24% short, 11% adequate Temperatures for the week were very close to normal nearly everywhere. Some scattered showers, thunderstorms developed over portions of the north and east..mainly during the latter half of the week. Some of the storms likely produced large hail over the far eastern counties. Although the storms were hit and miss, Tucumcari (.75"), Roy (.62") and Capulin/Des Moines (.55") all picked up over half an inch of rain. Wind damage 14% light, 6% moderate, 1% severe, with no reports of significant damage. Farmers spent the week planting corn, cotton, harvesting hay, lettuce, irrigating, some areas spraying for pests, weed control. Alfalfa 2% very poor, 4% poor 48% fair, 34% good, 12% excellent h 70% of the first cutting complete. Irrigated winter wheat condition 5% poor, 49% fair, 30% good, 16% excellent. Dryland wheat condition 70% very poor condition, 27% poor, 3% fair. Total wheat 49% headed. Lettuce harvest began, 40% harvested with conditions reported in mostly good to excellent condition. Cotton 78% planted. Chile condition was in mostly fair to excellent condition with 100% of the crop planted. Onions were in mostly good to excellent condition. Corn 44% planted, 9% emerged. Ranchers continue to supplement feed, haul water. Reports of locoweed were received with some ranchers having trouble keeping cattle off due to no other greens being available. Cattle conditions 3% very poor, 18% poor, 44% fair, 35% good. Sheep 5% very poor, 12% poor, 67% fair, 16% good. Ranges, pastures are needing moisture with conditions reported as 32% very poor, 30% poor, 28% fair, and 10% good.

**NEW YORK:** Days suitable for field work 6.2. Soil 8% very short, 32% short, 58% adequate, 2% surplus. Pasture conditions 2% very poor, 14% poor, 30% fair, 50% good, 4% excellent. Oats 82% planted compared to 60% last year. Corn for grain 31% planted compared to 14% last year. Warm weather permitted farmers to work, plant, but lack of rain was taking its toll on the fields. In the Lake Ontario fruit region, pears were in bloom. In the Lake Erie fruit region, frost damaged many vineyards. In the Long Island grape region, budbreak was widespread. Dry spring has resulted in earlier plantings of sweet corn, onions, and green peas, with vegetable growers hopeful for a good season.

**NORTH CAROLINA:** Days suitable for field work 5.4. Soil 4% very short, 19% short, 62% adequate, 15% surplus. Activities Included: Planting corn, cotton, peanuts, sorghum, soybeans, transplanting tobacco, along with our first hay cutting. Scattered thunderstorms during the week generated low to moderate rainfall amounts across much of the State. Temperatures remained close to average with highs ranging from 76 to 87 degrees.

**NORTH DAKOTA:** Days suitable for fieldwork 4.4. Topsoil 0% very short, 7% short, 76% adequate, 17% surplus. Subsoil 2% very short, 10% short, 74% adequate, 14% surplus. Producers made good progress planting small grains, other crops last week. Fieldwork was limited early in the week due to rain, cool temperatures. Producers in the northern districts started planting in well drained and high elevated areas. Durum wheat 25% planted, 44% 2005, 25% avg.; 5% emerged, 14% 2005, 8% average. Canola 21% planted, 49% 2005, 34% avg.; 2% emerged, 11% 2005, 6% average. Dry Edible Beans 1% planted, 3% 2005, 1% average. Dry edible peas 47% planted, 72% 2005, average not available; 6% emerged, 15% 2005, average not available. Flaxseed 13% planted, 41% 2005, 20% avg.; 3% emerged, 5% 2005, 2% average. Potatoes 21% planted, 39% 2005, 26% avg.; 1% emerged, 1% 2005, 2% average. Sunflower 0% planted, 3% 2005, 2% average. Ranchers continued turning cattle out to summer pasture. Hay, forage supplies were rated 0% very short, 3% short, 89% adequate, 8% surplus. Grain, concentrate supplies 0% very short, 1% short, 90% adequate, 9% surplus. Calving 94% complete. Lambing was 97% complete. Pasture and ranges were 94% growing, 6% still dormant.

**OHIO:** Days suitable for field work 4.9. Topsoil 1% very short, 13% short, 76% adequate, 10% surplus. Corn 78% planted, 68% 2005, 60% avg.; 16% emerged, 10% 2005, 13% avg. Soybeans 45% planted, 26% 2005, 29% avg. ; 4% emerged, 3% 2005, 7% avg. Winter wheat 90% jointed, 79% 2005, 82% avg.; 1% headed, 1% 2005, 2% avg. Oats 98% planted, 93% 2005, 87% avg.; 80% emerged, 59% 2005, 56% avg. Potatoes 68% planted, 69% 2005, 56% avg. Apples in full bloom 97%, 69% 2005, 83% avg. Peaches in full bloom 93%, 70% 2005, 85% avg. Apple condition 3% very poor, 5% poor, 15% fair, 58% good, 19% excellent. Hay condition 1% very poor, 3% poor, 25% fair, 54% good, 17% excellent. Livestock condition 0% very poor, 1% poor, 14% fair, 69% good, 16% excellent. Oats condition 0% very poor, 1% poor, 20% fair, 64% good, 15% excellent. Pasture condition 1% very poor, 5% poor, 23% fair, 55% good, 16% excellent. Peach condition 7% very poor, 3% poor, 16% fair, 53% good, 21% excellent. Winter wheat condition 0% very poor, 3% poor, 14% fair, 60% good, 23% excellent. Warm weather and dry field conditions have allowed operators to continue planting corn and soybeans. Planting of oats are more or less complete with about two percent of oat acreage remaining to be planted. Counties in the Northwest region had good rains on Tuesday, the first good rain in over six weeks. Reports from the Northeast indicate damage to grape and peach crops from a freeze during the end of April. One reporter estimated apple blossoms may have been reduced by 50 percent as a consequence of the freeze, however the loss is not significant enough to affect apple production. Reports from the Southeast indicate that the first cutting of alfalfa and harvesting of strawberries has begun. Planting of sweet corn, peppers, and melons are still in progress. Other farm activities besides planting included farm equipment maintenance and repair, spreading fertilizer and lime, hauling grain, cleaning out bins, and tillage.

**OKLAHOMA:** Days suitable for fieldwork 3.2. Topsoil 24% very short, 21% short, 47% adequate, 8% surplus. Subsoil 43% very short, 31% short, 25% adequate, 1% surplus. Wheat soft dough 50% this week, 28% last week, 29% last year, 22% average. Rye 44% very poor, 36% poor, 20% fair; headed 99% this week, 83% last week, 96% last year, 39% average; soft dough 65% this week, 45% last week, 47% last year, 17% average. Oats 54% very poor, 32% poor, 14% fair; jointing 74% this week, 58% last week, 77% last year, 82% average; headed 47% this week, 37% last week, 39% last year, 42% average; soft dough 27% this week, 17% last week, 10% last year, 10% average. Corn 68% planted this week, 53% last week, 73% last year, 75% average; emerged 50% this week, 41% last week, 46% last year, 46% average; Sorghum seedbed prepared 58% this week, 56% last week, 58% last year, 55% average; emerged 8% this week, N/A last week, 7% last year, 6% average. Soybeans seedbed prepared 72% this week, 70% last week, 69% last year, 71% average; planted 30% this week, 26% last week, 27% last year, 30% average; emerged 8% this week, N/A last week, 11% last year, 10% average. Peanuts seedbed prepared 87% this week, 77% last week, 91% last year, 90% average; emerged 4% this week, N/A last week, 5% last year, 6% average. Cotton seedbed prepared 93% this week, 90% last week, 85% last year, 90% average; Alfalfa 9% very poor, 25% poor, 41% fair, 23% good, 2% excellent; 1st Cutting 40% this week, 34% last week, 60% last year, 56% average. Other Hay 29% very poor, 35% poor, 29% fair, 7% good; 1st Cutting 22% this week, 14% last week, 26% last year, 22% average; Watermelon planted 52% this week, 45% last week, 51% last year, 50% average. Livestock 8% very poor, 41% poor, 37% fair, 14% good; Pasture, Range 19% very poor, 26% poor, 37% fair, 17% good, 1% excellent. Livestock: Livestock were in mostly fair to poor condition. Marketings were mostly average. There was very little insect activity reported. Death loss of cattle was mostly average. Another consecutive week of rainfall continued to help replenish dry livestock ponds.

**OREGON:** Days suitable for fieldwork 6.8. Topsoil 15% short, 76% adequate, 9% surplus. Subsoil 8% short, 80% adequate, 12% surplus. Barley 88% planted,

84% previous week, 90% 2005, 87% avg.; 60% emerged, 55% previous week, 80% 2005, 69% avg.; 13% fair, 82% good, 5% excellent. Spring wheat 89% planted, 75% previous week, 97% 2005, 97% avg.; 60% emerged, 48% previous week, 81% 2005, 83% avg.; 22% fair, 74% good, 4% excellent. Winter wheat 5% poor, 25% fair, 65% good, 5% excellent. Range, pasture 1% poor, 19% fair 56% good, 24% excellent. Most of the State experienced another week of warm, dry, windy weather. The exception was Crescent City, whose high temperature only reached 57° last week whereas all other weather stations reported high temperatures in the mid to high 60's to 83° in Grants Pass, Roseburg. Average low temperatures were mostly in the 20's & 30's; however areas in the south central part of the State including Christmas Valley, Redmond recorded low temperatures of 13 & 19° respectively. There was very little precipitation recorded last week. Only three weather stations reported precipitation more than one day last week, Astoria/Clatsop, Florence, Tillamook. Another week of warm, dry weather allowed farmers & ranchers to continue spring seeding, tillage activities. Wind hampered pesticide applications in some areas, especially in the northern part of the State. The warm weather continued to promote crop development statewide. There was even a report of some very early hay put up in Clackamas County. Despite the favorable planting conditions, spring planting progress still lagged behind average. As of May 7, 89% of the spring wheat had been planted, compared to the five-year average of 97 percent. Vegetable field crops continued to be planted across the State. The most activity in Douglas County will take place the week of the 15th. Some early sweet corn varieties have emerged. Potatoes were up in Washington County. Onions were showing up in Klamath, Malheur counties. The rhubarb crop continued to be harvested for processing. Continued warm, dry weather was beneficial to orchard crops throughout the Willamette Valley; light showers on May 7th were welcomed. Codling moth was out May1st causing growers to spray. Southern Willamette Valley blueberries were blooming, setting berries. Strawberries were showing buds. Blackberries, raspberries were growing quickly. Grapes were a little slow to bud this season; early grapes were blooming. Fruit set on apples, cherries, prunes/plums, peaches, Asian pears, other pears looked good. Fair weather for most of the week provided good conditions for fruit tree pollination throughout the Hood River Valley. Weekend rain resulted in the initiation of pear scab infection periods at some locations in the Hood River Valley. Fire blight risk ranged from low to moderate. Codling moth biofix at the OSU-MCAREC was set on May 3rd. Crop development in the lower Hood River Valley was as follows: Red Delicious apple at 90% post bloom (WSU stage 9); Pinot noir grapes at Eichhorn-Lorenz stages 9 to 12. A variety of sprays were applied to Wasco County cherries. Much of the ground spraying was performed during the night when winds were calm. Small cherries were starting to be visible on early blooming trees. Frost fans were used several nights to control cold temperatures. Mowing of grass strips between trees was active all week. Newly planted trees were irrigated. Union County fruit crops may have been damaged by hard frosts on May 1st & 2nd. Nights continue to be cold with many below freezing mornings. Grape fungicide sprays were applied in Douglas County as shoot length was averaging six inches. Orchard fungicide sprays continued, the first codling moths were trapped; sprays will be applied within the next week. Most fruit trees were done with bloom in southern Oregon. Orchardists have been catching up on their spraying. Caneberries, grapes vines showed good growth. Sunny weather in the Willamette Valley has helped farmer's markets sales of greenhouse, nursery products these past three weekends. Shipping of nursery products is in full swing in Columbia County. Irrigation of shrubs, perennial flowers in nurseries has begun in begun in Douglas County. Greenhouses in Jackson County are busy with vegetable, flower sales, while nurseries are busy selling trees, shrubs, other perennials. Washington County continues to set out new seedlings, move trees & shrubs to new locations for sale. Pastures improved as warmer weather continued to help forage growth. Livestock were turned out into spring pastures, as some producers continued supplemental feeding. Rangeland, in cooler areas, continued slow growth with warmer temperatures needed. Livestock were reported in good condition throughout the State.

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**PENNSYLVANIA:** Days suitable for fieldwork 6. Soil 20% very short, 53% short, 27% adequate, 0% surplus. Spring 89% plowing complete, 83% 2005, 73% avg. Corn 58% planted, 49% 2005, 41% avg.; 10% emerged, 7% 2005, 8% avg.; condition 1% poor, 28% fair, 47% good, 24% excellent. Barley 81% heading, 49% 2005, 53% avg. Winter wheat 14% heading, 7% 2005, 12% avg.; condition 2% very poor, 6% poor, 28% fair, 48% good, 16% excellent. Oats 91% planted, 93% 2005, 81% avg.; 52% emerged, 41% 2005, 46% avg.; condition 6% poor, 32% fair, 53% good, 9% excellent. Soybean 13% planted, 13% 2005, 9% avg Potatoes 38% planted, 52% 2005, 44% avg. Alfalfa 1st cutting complete 8%, , 2% 2005, 1% avg. Alfalfa crop condition 4% poor, 29% fair, 43% good, 24% excellent. Timothy clover crop condition 3% very poor, 8% poor, 39% fair, 43% good, 7% excellent. Peach crop condition 27% fair, 2% good, 71% excellent. Quality of hay made 22% fair, 3% good, 75% excellent. Pasture conditions 7% very poor, 21% poor, 49% fair, 20% good, 3% excellent. Activities Included: Plowing, hauling, spreading manure, lime, spraying pesticides, cutting hay, planting corn, soybeans, oats, and potatoes.

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**SOUTH CAROLINA:** Days suitable for field work 5.5 . Soil 3% very short, 28% short, 67% adequate, 2% surplus. Crop conditions improved as the State received rainfall that ranged from as little as three tenths of an inch in Myrtle Beach to as much as over three inches in Florence. Barley 91% headed, 84% 2005, 88% ave; 27% turned color, 21% 2005, 27% avg.; 6% poor, 44% fair, 47% good, 3% excellent. Corn 99% planted, 99% 2005, 96% avg.; 94% emerged, 90% 2005, 88% avg.; 2% poor, 38% fair, 54% good, 6% excellent. Soybeans 12% planted, 14% 2005, 14% avg. Oats 98% headed, 92% 2005, 93% avg.; 28% turned color, 29% 2005, 34% avg.; 1% very poor, 5% poor, 45% fair, 48% good, 1% excellent. Peanuts 24% planted, 28% 2005, 28% avg.; 50% fair, 50% good. Rye 97% headed, 95% 2005, 94% avg.; 40% turned color, 33% 2005, 39% avg.; 5% poor, 45% fair, 49% good, 1% excellent. Sorghum 45% planted, 50% 2005, 47% avg; 100% good. Cotton 30% planted, 31% 2005, 28% avg. Sweet Potatoes 15% planted, 22% 2005, 22% avg.; 100% fair. Winter Wheat 95% headed, 95% 2005, 96% avg.; 27% turned color, 22% 2005, 35% avg.; 7% poor, 47% fair, 45% good, 1% excellent. Tobacco 99% transplanted, 96% 2005, 98% avg.; 3% poor, 38% fair, 59% good. Grain Hay 45% harvested, 47% 2005, 51% avg.; 6% poor, 52% fair, 42% good. Peaches 1% very poor, 3% poor, 39% fair, 51% good, 6% excellent. Apples 17% fair, 83% good. Snap beans 96% planted, 91% 2005, 93% avg.; 20% fair, 80% good. Cucumbers 99% planted, 98% 2005, 99% avg.; 10% fair, 60% good, 30% excellent. Watermelons 95% planted, 90% 2005, 92% avg.; 29% fair, 65% good, 6% very good. Tomatoes 99% planted, 97% 2005, 98% avg.; 10% fair, 70% good, 20% excellent. Cantaloupes 94% planted, 86% 2005, 87% avg.; 20% fair, 73% good, 7% excellent. Livestock 1% poor, 25% fair, 68% good, 6% excellent. Pastures 9% poor, 44% fair, 45% good, 2% excellent.

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**SOUTH DAKOTA:** Days suitable for fieldwork 4.5. Topsoil 2% very short, 13% short, 68% adequate, 17% surplus. Subsoil 5% very short, 18% short, 63% adequate, 14% surplus. Feed supplies 4% short, 91% adequate, 5% surplus. Stock water supplies 8% very short, 15% short, 68% adequate, 9% surplus. Spring wheat condition 4% poor, 21% fair, 65% good, 10% excellent. Barley condition 5% poor, 17% fair, 74% good, 4% excellent. Winter wheat boot 20%, 27% 2005, 14% avg. Sorghum 0% emerged, 0% 2005, 0% avg. Sunflower 0% planted, 1% 2005, 1% avg. Cattle condition 7% fair, 75% good, 18% excellent. Sheep condition 1% poor, 10% fair, 67% good, 22% excellent. Range, pasture 1% very poor, 8% poor, 30% fair, 51% good, 10% excellent. Calving 89% complete. Lambing 84% complete. Cattle moved to pasture 39% complete. Last week's cool temperatures did little to dry wet fields, causing further delays in planting, fieldwork in much of the eastern part of the state. While small grains are rated in mostly good to excellent condition throughout the state, the colder temperatures have slowed the growth of winter wheat as well as growth in range and pastures. Activities Included: Caring for livestock, calving, lambing, moving cattle to grazing, fertilizing, small grain seeding, preparing for and planting of row crops.

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**TENNESSEE:** Days suitable for fieldwork 3. Topsoil 2% short, 67% adequate, 31% surplus. Subsoil 1% very short, 11% short, 76% adequate, 12% surplus. Winter wheat 93% headed, 75% 2005, 80% avg.; 1% very poor, 3% poor, 17% fair, 56% good, 23% excellent. Pastures 1% very poor, 5% poor, 25% fair, 56% good, 13% excellent. Hay 1st cutting 8%, 12% 2005, 11% avg.; 1% very poor, 7% poor, 33% fair, 49% good, 10% excellent. Another week of wet weather hampered the planting of spring crops, harvesting hay. Although a few farmers were able to begin transplanting tobacco last week, the recent wet conditions have kept most producers out of their fields. Some of the rainfall received the first half of last week was as a result of thunderstorms, which also brought damaging hail. Damage in isolated western areas to recently planted crops, wheat fields was reported as moderate to severe. Activities Included: Side dressing, applying post-emergent herbicides to corn, spraying pastures for buttercup control, scouting crops for insect damage, working cattle. Temperatures across the state last week averaged a few degrees above normal, while precipitation averaged above normal in areas that received thunderstorms and below average in areas absent of thunderstorms.

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**TEXAS:** Agricultural Summary: Most of the state received much needed rain. Over 2 inches of precipitation fell in large areas of the Southern Low Plains, eastern Edwards Plateau, Cross Timbers, and Central Texas, with some areas recording up to 6 inches. Most of Eastern Texas, the Upper Coast received at least 0.5 inches of moisture, and readings from 1 to 2 inches were common. The San Antonio-Winter Garden reported many areas with 0.5 to 1.5 inches of rain, and precipitation totaled 0.1 to 1 inches in much of the High Plains, Northern Low Plains, and western Edwards Plateau. The eastern Trans-Pecos had areas with 0.25 to 2 inches. Unfortunately, most of the Rio Grande Valley and Coastal Bend received no moisture. Range and pasture continued to improve in areas that reported rain. Many producers continued supplemental feeding and, in South Texas, culled herds. Small Grains: Most of the wheat in the Plains continued to be grazed or cut for hay and silage; some fields were destroyed by hail. Growers in the Blacklands also cut wheat for hay, some plowed the crop under to prepare for spring planting of other crops. Harvest of wheat and oats for grain began in southern regions. Statewide, wheat condition was mostly rated very poor to poor. Oats condition statewide was mostly rated very poor to poor. Cotton: Planting was underway in the High Plains. The cooler weather and rain delayed planting in some areas of the Low Plains. The crop was a loss in areas of the Rio Grande Valley due to the severe drought there. Corn: Farmers in some areas of the High Plains finished planting; others were still planting or pre-watering to prepare for planting. The crop was making good progress in the Blacklands. Some fields in South Central Texas were plowed up, the condition was poor in areas of the Upper Coast. The corn condition statewide was mostly rated fair to good. Sorghum: Producers

have just begun to plant in the Northern High Plains; some were waiting to finish planting their cotton. The crop was doing well in the Blacklands in response to good moisture, although some insect problems were reported. In the Upper Coast, the crop responded well to recent rains. The condition was mostly rated poor to fair statewide. Peanuts: Farmers were planting in the Southern High Plains, Northern High Plains. Rice: Some insect damage was reported in the Upper Coast. The condition of rice was mostly rated fair to good statewide. Soybeans: Planting was expected to start soon in the Northern High Plains. Plants have emerged in areas of the Blacklands. Statewide, the condition was mostly rated fair to good. Commercial Vegetables, Fruit and Pecans In the Rio Grande Valley, growers harvested onions and melons under dry conditions. In the San Antonio-Winter Garden, producers harvested carrots, cabbage, potatoes, and green beans. Hail damaged some onions and melons. Despite the rain received during the week, growers were busy providing additional water to onions, watermelons, and cabbage. Pecan growers sprayed for pecan nut casebearer in areas of the Blacklands, Edwards Plateau. Spraying was expected soon in the Cross Timbers, where eggs were found about two weeks earlier than usual. Peaches benefitted from recent rains in the Cross Timbers. Livestock, Range, Pasture Report: Livestock were reported to be in fair to good condition across much of the state as range and pasture improved under widespread precipitation. Tanks and stock ponds filled up in many areas. Ranchers continued supplemental feeding in most regions. Heavy shipments of cattle were reported in the Southern Low Plains and South Texas. Ranchers were branding calves and shearing sheep.

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**UTAH:** Days suitable for field work 7. Subsoil 0% very short, 5% short, 91% adequate, 4% surplus. Irrigation water supplies 0% very short, 1% short, 88% adequate, 11% surplus. Winter wheat condition 0% very poor, 3% poor, 21% fair, 68% good, 8% excellent. Spring wheat 91% planted, 77% 2005, 94% avg.; 67% emerged, 50% 2005, 73% avg. Barley 88% planted, 57% 2005, 87% avg.; 60% emerged, 30% 2005, 66% avg. Oats 69% planted, 64% 2005, 75% avg.; 41% emerged, 19% 2005, 47% avg. Corn 39% planted, 11% 2005, 31% avg. Alfalfa height 10%, 7% 2005, 10% avg. Cows calved 96%, 96% 2005, 96% avg. Cattle, calves condition 0% very poor, 0% poor, 6% fair, 75% good, 19% excellent. Sheep condition 0% very poor, 0% poor, 6% fair, 86% good, 8% excellent. Stock water supplies 0% very short, 2% short, 93% adequate, 5% surplus. Sheared on farm 87%, 83% 2005, 94% avg. Sheep sheared on range 80%, 71% 2005, 85% avg. Ewes lamb on farm 95%, 97% 2005, 98% avg. Ewes lamb on range 76%, 72% 2005, 78% avg. Apples full bloom or past 99%, 97% 2005, 96% avg. Apricots full bloom or past 100%, 100% 2005, 100% avg. Sweet cherries full bloom or past 100%, 96% 2005, 98% avg. Tart cherries full bloom or past 96%, 97% 2005, 97% avg. Peaches full bloom or past 100%, 100% 2005, 98% avg. Pears full bloom or past 99%, 97% 2005, 96% avg. Work activity around the state was consistent with last week's. Crops are still in excellent condition even though recent temperatures have been somewhat cooler. Livestock producers around the state continued branding their calves and docking their lambs. Growers in most counties received another week of good weather. Major farm activities such as small grains, corn planting, and alfalfa planting remained the same. Some growers have started planting corn for silage, and also spraying for weeds. Box Elder reports that flooding along the Bear River Canal has caused some minor crop damage, and a few days of warmer temperatures could melt the snow pack and cause more problems. Livestock continues to look good throughout the state. Cattle are beginning to move from spring meadows to summer pastures. Grazing this year should be more than adequate. Sheep shearing in most counties is almost complete.

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**VIRGINIA:** Days suitable for field work 5.50. Topsoil 10% very short, 30% short, 56% adequate, 4% surplus. Subsoil 12% very short, 34% short, 50% adequate, 4% surplus. Recent showers were welcomed by the Commonwealth, but temperatures at the end of the week were cooler than expected. Average rainfall for the week across the state was below normal, while the average temperature was above normal at 61 degrees. Beneficial rains helped to recharge topsoil moisture levels in most areas, resulting in good planting conditions for soybeans. Some hay fields are being grazed due to poor hay yield potential and lack of stored hay on the farm. However, the recent moisture has renewed some pastures and hay fields, thus improving livestock conditions and prospects for a good first cutting of hay. Some frost damage was reported in corn fields on the eastern shore, but the affected fields are expected to make a full recovery. For the most part, good growing conditions this week have helped emerging corn. The strawberry crop is bountiful with many u-pick markets open. The small grain crop is reported to look good despite the early dry conditions. Small grains are short but are reported to be heading out reasonably well. Activities Included: Liming, fertilizing, turning stocks out to pasture, sheering sheep, and repairing fences.

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**WASHINGTON:** Days suitable for field work were 6.20. Top soil 2% short, 91% adequate and 7% surplus. Farmers were busy this week taking advantage of the increasingly warm weather. Winter wheat, spring wheat were in mostly fair to excellent condition. Douglas, Chelan and Okanogan Counties reported winter wheat being reseeded to spring wheat due to snow mold. Potato, corn growers continued planting. Fruit continued to blossom while cranberry, raspberry producers continued bog repair, weed control. Oyster growers continued spring harvest. Range, pasture conditions 3% poor, 10% fair, 79% good, 8% excellent. Spring pastures were looking good and producers continued to turn out cattle to spring pastures. Availability of hay continued to be scarce.

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**WEST VIRGINIA:** Days suitable for field work was 6.0. Topsoil 7% very short, 24% short, 67% adequate, 2% surplus compared with 7% short, 83% adequate, 10% surplus last year. Intended acreage prepared for spring planting 82%, 78% 2005, 73% 5-yr avg. Hay, roughage supplies 2% very short, 23% short, 74% adequate, 1% surplus compared 2% very short, 3% short, 85% adequate, 10% surplus 2005. Feed grain supplies 1% very short, 5% short, 94% adequate, compared to 2% short, 98% adequate 2005. Apple conditions 8% poor, 34% fair, 50% good, 8% excellent. Peach conditions 7% poor, 28% fair, 58% good, 7% excellent. Hay 8% very poor, 13% poor, 35% fair, 39% good, 5% excellent. Winter wheat conditions were 1% poor, 15% fair, 83% good, 1% excellent; 19% headed, 3% 2005, 10% 5-yr avg. Oat conditions e 3% poor, 56% fair, 38% good, 3% excellent; 66% planted, 82% 2005, 71% 5-yr avg.; 45% emerged, 58% 2005, 47% 5-yr avg. Corn 46% planted, 42% 2005, 35% 5-yr avg.; 5 emerged%, 3% 2005, 5-yr avg not available. Soybeans e 15% planted, 0% 2005, 14% 5-yr avg. Cattle, calves 1% very poor, 2% poor, 18% fair, 74% good, 5% excellent. Calving 96% complete, compared to 95% last year, 95% 5-yr average. Sheep, lambs 2% poor, 11% fair, 83% good, 4% excellent. Activities Included: Applying lime on pastures, planting vegetables and corn, fence maintenance and movement of cattle in pasture rotation.

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**WISCONSIN:** Days suitable for fieldwork 4.2. Soil 7% short, 87% adequate, 6% surplus. Rain showers, early in the week, delayed planting activity across the state. After the much-needed precipitation, farmers were able to resume planting by the middle of the week. Rainfall totals ranged from 0.24 inches in Green Bay to 1.35 inches in Madison. These storms helped soil conditions improve during the week. Average temperatures ranged from 1 degree below to 2 degrees above normal for the week. Temperatures reached the 70s during the week, while average high temperatures were in the 60s. Average low temperatures were in the 40s. Corn planted was at 52 percent complete, compared to last year's 54 percent and the 5-year average of 38 percent. Corn planting continued at its rapid pace, after fields dried from the weekend rains. There were reports of many farmers in northern and southern counties finishing corn planting and focusing on soybeans. Corn emerged was rated at 3 percent complete, ahead of last year's 2 percent and even with the 5-year average of 3 percent. Soybean planting progress was slowed during the week, as farmers wait for drier and warmer conditions. Progress is expected to increase next week, as producers finish planting corn and small grains. Soybeans planted was at 10 percent complete, compared to last year's 25 percent and the 5-year average of 9 percent. Oats planted was reported at 91 percent complete, above last year's average of 85 percent and the 5-year average of 71 percent. Oats emerged was reported at 60 percent complete, higher than last year's 41 percent and the 5-year average of 30 percent. Oat planting was nearing completion, and the crop has emerged nicely with the recent rain. Oat conditions were rated at 91 percent good to excellent. Spring tillage was reported at 73 percent complete, compared to last year's 69 percent and the 5-year average of 58 percent. Tillage stopped for a few days, but progress remains ahead of normal. Alfalfa fields survived the winter with only minor damage. Freeze damage to alfalfa was rated at 78 percent none, 19 percent light, 2 percent moderate, and 1 percent severe. Alfalfa looked good with the rain and warm weather, and has the potential for an early first cutting. Pasture feed conditions were rated at 1 percent very poor, 6 percent poor, 25 percent fair, 53 percent good, and 15 percent excellent. Peas were planted in fields where soil temperatures had warmed up. Cranberry growers had a frost watch earlier in the week. Apple and cherry trees were blooming. Strawberries were beginning to bloom in central areas.

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**WYOMING:** Days suitable for fieldwork 5.6. Topsoil 2% very short, 38% short, 59% adequate, 1% surplus. Temperatures during the week ending Friday, May 5th, were below normal across the State with exceptions in the West. Averages ranged from 4.6° below normal in Deaver to 3.4° above normal in Jackson. The high temperature was 75 in Wheatland while the low was 16 in Big Piney. Precipitation was below normal except for widely scattered areas. The most precipitation was reported in Uinta with 1.05 inches, Cheyenne with 0.69 inches, and Laramie with 0.51 inches. A few scattered stations in the northern half of the State reported only a trace to no precipitation at all. Irrigation water supplies 14% short, 83% adequate, 3% surplus. Barley 76% planted, 79% 2005, 84% 5-year avg.; 53% emerged, 37% 2005, 50% 5-year average. Oats 52% planted, 64% 2005, 57% 5-yr avg.; 27% emerged, 25% 2005, 27% 5-year average. Spring wheat 50% planted, 61% 2005, 60% 5-yr avg.; 23% emerged, 18% 2005, 25% 5-year average. Winter wheat 23% jointed, 40% 2005, 30% 5-year average. Corn 27% planted, 27% 2005, 32% 5-year average. Sugarbeets 94% planted, 92% 2005, 85% 5-year average. Sugarbeets 25% emerged, 26% 2005, 25% 5-year average. Winter wheat condition 2% poor, 22% fair, 75% good, 1% excellent. Spring calves born 92%, 93% 2005, 93% 5-year average. Farm flock ewes lambed 92%, 95% 2005, 94% 5-year average. Farm flock sheep shorn 95%, 96% 2005, 95% 5-year average. Range flock ewes lambed 41%, 40% 2005, 40% 5-year average. Range flock sheep shorn 69%, 81% 2005, 81% 5-year average. Calf, lamb losses mostly normal. Range, pasture conditions 11% poor, 43% fair, and 46% good.

# International Weather and Crop Summary

**April 30 - May 6, 2006**

*International Weather and Crop Highlights and Summaries provided by USDA/WAOB*

## HIGHLIGHTS

**EUROPE:** Showers across much of Europe favored winter grain development but slowed late spring grain planting, while unfavorably dry conditions persisted in the Baltics.

**FSU-WESTERN:** Several days of dry weather favored planting activities, although unseasonably cold weather slowed crop emergence.

**MIDDLE EAST:** Widespread rain favored vegetative to reproductive winter grains in northern growing areas.

**EASTERN ASIA:** Showers provided much needed moisture to rain-fed and irrigated winter wheat on the North China Plain.

**SOUTHEAST ASIA:** Pre-monsoon showers continued to provide beneficial moisture to transplanted rice in Thailand.

**AUSTRALIA:** Mostly dry weather persisted in southern New South Wales, likely limiting the volume of early winter grain planting, while showers elsewhere in eastern and southern Australia helped condition topsoil for planting.

**NORTHWESTERN AFRICA:** Locally heavy rain benefited late-maturing winter grains but raised quality concerns for mature crops.

**BRAZIL:** Soybean harvesting was nearing completion.

**ARGENTINA:** Mostly dry, cooler-than-normal weather promoted drydown and harvest of summer crops.

**MEXICO:** Rain improved planting prospects in portions of the southern plateau corn belt.

**CANADA:** On the Prairies, light showers kept topsoils moist for spring crop germination.

## EUROPE

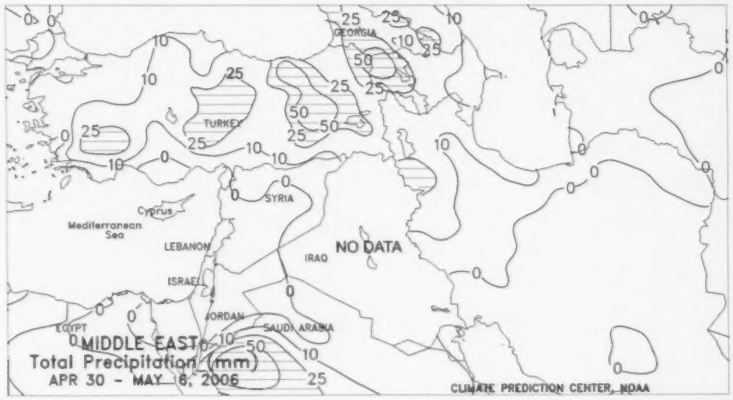
Widespread showers across much of Europe contrasted with persistent dryness in northeastern growing areas. A large area of high pressure maintained unfavorably dry weather in northeastern Poland and the Baltics, further depleting topsoil moisture for vegetative winter grains. A stalled frontal boundary triggered beneficial showers and thunderstorms over central Poland (10-30 mm), while locally heavy rain (20-45 mm) in Hungary, Slovakia, and the Czech Republic renewed flooding along the Danube River. However, dry weather farther downstream in Serbia, Romania, and Bulgaria mitigated the flooding severity, which did not approach the historic levels observed in mid-April. In Germany and the Low Countries, scattered light showers (1-15 mm) maintained adequate topsoil moisture for vegetative winter grains but were not heavy enough to impede late spring grain and summer crop planting. Farther west, light to moderate showers (5-20 mm) in France and England provided beneficial moisture for vegetative winter grains after several weeks of dryness. On the Iberian Peninsula, showers and thunderstorms (10-35 mm) in Spain further recharged reservoirs and groundwater supplies, while dry weather prevailed in Portugal. Elsewhere, showers (5-30 mm) boosted irrigation reserves in northern Italy, while locally heavy rain (15-70 mm) in Croatia, Bosnia, and western Serbia slowed fieldwork and caused local flooding.

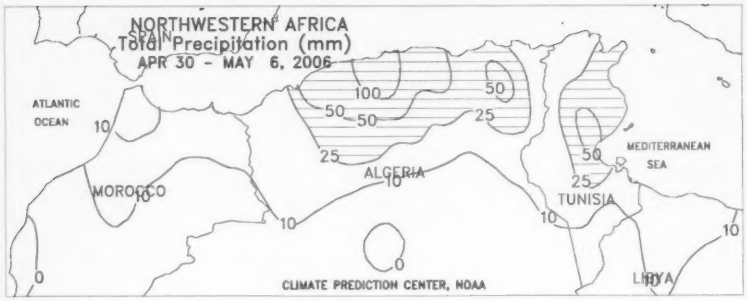
## FSU-WESTERN

Dry weather prevailed in Ukraine, Russia, and Belarus during most of the week, favoring planting activities. Significant precipitation (10-25 mm or more) was confined to southern Ukraine and the southern portion of the Southern District in Russia. Reports from Russia as of May 3 indicated that spring grain planting was 22 percent complete, while sugar beets, corn, and sunflowers were 60, 41, and 16 percent planted, respectively. Reports from Ukraine as of May 3 indicated that spring grain and sugar beet planting was almost complete, while corn and sunflower planting was 34 and 46 percent finished, respectively. Cold weather lingered throughout most of the region for the second consecutive week. Early in the week, light freezes and scattered frost were observed in Ukraine, Belarus, and the Southern District in Russia, where lowest minimum temperatures ranged from -3 to 5 degrees C. In northern Russia, lowest temperatures generally ranged from -2 to -1 degrees C, with spotty locations reporting temperatures from -5 to -3 degrees C. Overall, temperatures did not fall low enough or last for a sufficient amount of time to threaten winter grains. However, some localized damage to newly emerging summer crops in Ukraine and Russia may have occurred. A gradual warming trend brought temperatures to more seasonal levels by week's end. Weekly temperatures averaged 1 to 3 degrees C below normal in Ukraine, 2 to 6 degrees C below normal in the Southern District in Russia, and near normal in northern Russia and Belarus.

## MIDDLE EAST

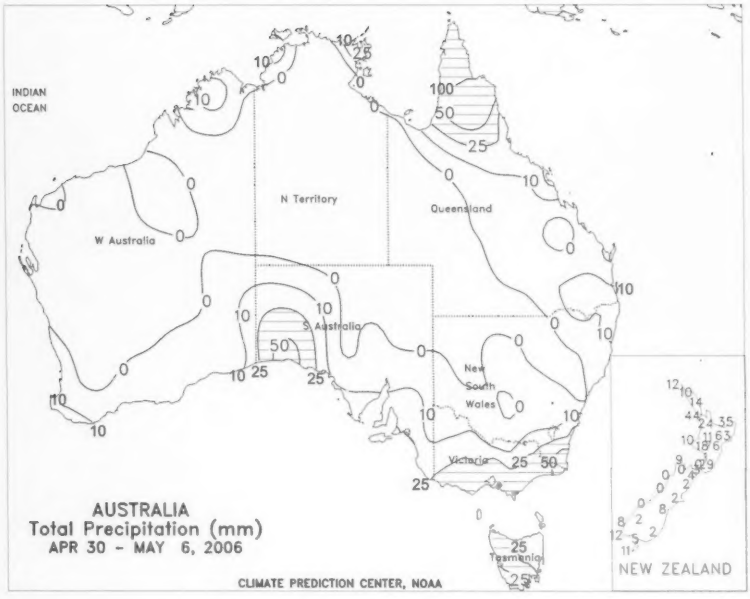
Wet, cool weather maintained favorable crop prospects across northern growing areas. A series of storms triggered widespread, locally heavy rain (10-70 mm) from central Turkey eastward across northern Iraq (as detected in satellite imagery) and northwestern Iran, boosting topsoil moisture for vegetative to reproductive winter grains. Farther south, dry weather returned to the eastern Mediterranean region, promoting early winter grain harvesting and cotton planting. Clouds and rain kept temperatures 2 to 3 degrees C below normal across much of central and northern Turkey, while above normal temperatures (1-2 degrees C above normal) returned to southern and eastern growing areas.





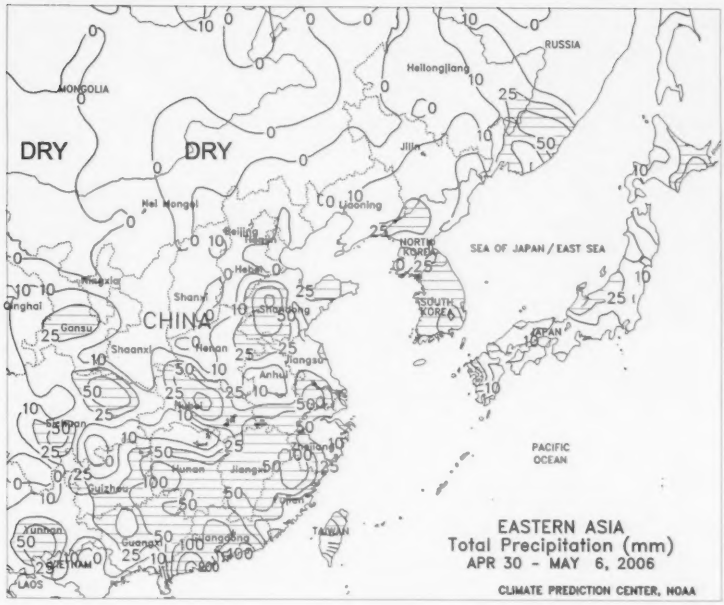

## NORTHWEST AFRICA

Heavy rain prevailed across much of the region, although drier conditions returned to Morocco by week's end. A slow-moving upper air disturbance triggered locally heavy showers and thunderstorms (10-60 mm) across Algeria and Tunisia, with precipitation totals reaching 200 mm in north-central Algeria. The rain benefited late-maturing winter grains but caused local flooding and raised quality concerns for mature winter grains. Farther west, early-week showers (10-25 mm) in central Morocco slowed fieldwork, while dry weather in far northern and southern Morocco promoted early winter grain harvesting.




## AUSTRALIA

In southern Queensland and extreme northern New South Wales, showers (2-36 mm) boosted topsoil moisture for winter wheat and barley planting. The showers had little impact on cotton or sorghum quality because most of these summer crops have been harvested. Mostly dry (less than 5 mm) weather prevailed across the remainder of New South Wales and northern Victoria, favoring fieldwork, including some winter grain planting. More rain is needed across the southern half of New South Wales, however, where mounting moisture deficits during the past few months have likely limited the volume of early winter grain planting. In South Australia and southern Victoria, periodic showers (3-33 mm) maintained adequate moisture supplies for winter grain planting. Mostly dry (less than 3 mm) weather favored winter wheat and barley planting in Western Australia, but more rain would be welcomed to encourage winter grain germination and establishment. Temperatures averaged about 1 degree C below normal in the major winter grain areas rimming western, southern, and eastern Australia.

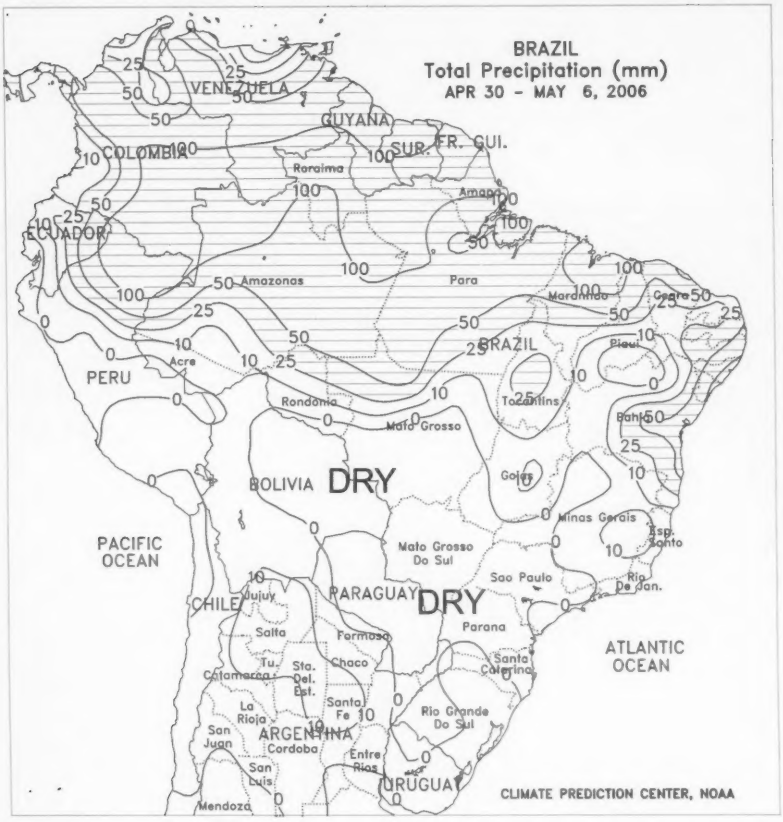



## EASTERN ASIA

Showers (10-50 mm) boosted topsoil moisture for stressed rain-fed winter wheat on the North China Plain. The rain also increased moisture supplies for irrigated winter wheat, which accounts for nearly 75 percent of the crop grown on the North China Plain. Wheat was likely reproductive to filling. In Manchuria, scattered, light showers (3-25 mm) increased soil moisture for soybean and corn planting. Farther south, showers (25-100 mm) from the Yangtze Valley to the southern coast continued to benefit both early double-crop and single-crop rice. Elsewhere in the region, showers (25-50 mm) increased moisture supplies for spring sown crops on the Korean peninsula, while scattered showers (10-25 mm) fell in Japan.

## SOUTHEAST ASIA

In Thailand, scattered pre-monsoon showers (10-50 mm) maintained moisture supplies for transplanted rice. Generally dry weather prevailed in Vietnam, with only the far southern tip receiving rain. The monsoon typically begins mid-May in Indochina. In the Philippines, light to moderate showers (10-50 mm) maintained moisture supplies for summer crop planting in central and southern areas, while unfavorably dry weather persisted in Luzon. For most of southeast Asia, the axis of heaviest rain (25-130 mm) remained over Indonesia and Malaysia, favoring oil palm but slowing rice harvesting in Java.

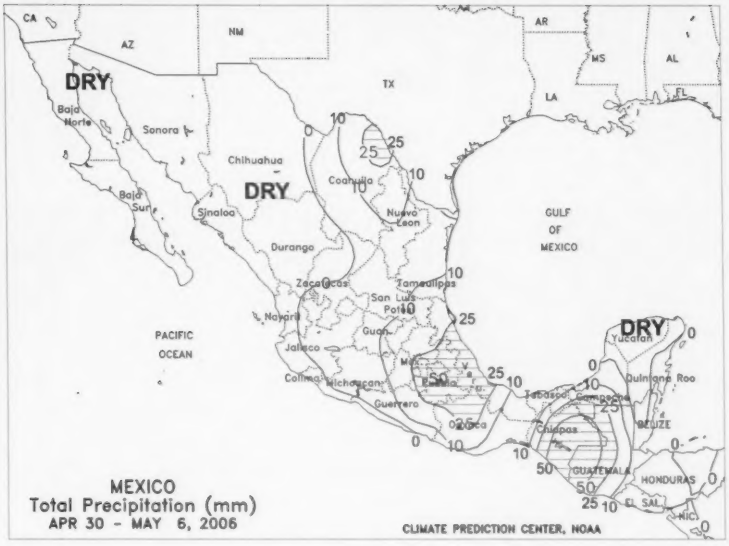



## BRAZIL

Dry weather promoted harvesting of soybeans and other crops in key agricultural areas of central and southern Brazil. Temperatures averaged near to below normal from Rio Grande do Sul to southern Mato Grosso, with lows dropping below the 5 degree C mark in Parana. These low temperatures slowed growth of winter corn and emerging wheat but came too late in the growing season to affect summer crops. Temperatures in the interior coffee and sugarcane areas (from Sao Paulo northward) remained well above freezing. According to private analyst Safras e Mercados, soybeans were 94 percent harvested as of May 5, compared with 98 percent last year and the 5-year average pace of 96 percent. Harvesting was virtually complete in major growing areas of the center-west and south regions. Significant delays continued in Minas Gerais (65 percent harvested versus 95 percent last year) and Bahia (80 percent versus 98 percent last year), although fieldwork advanced about 25 points from the previous week in both states due to the improved harvest weather.

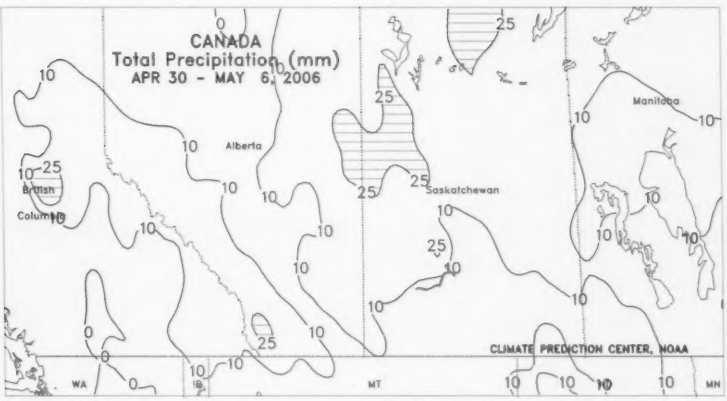
## ARGENTINA

Mostly dry, albeit cool weather (temperatures averaging 1-4 degrees C below normal, with lows in the single digits) dominated the main agricultural areas of central and northern Argentina. Conditions were overall favorable for dry down and harvesting of summer grains, oilseeds, and cotton, although fieldwork continued to lag last season's pace due to earlier difficulties. According to Argentina's Ministry of Agriculture, corn was 51 percent harvested as of May 4, compared with 68 percent last year. Soybeans were 73 percent harvested, 5 percentage points behind last year's pace. Winter wheat planting typically occurs from May to July, although some farmers may experience delays due to the slow progress of the corn and soybean harvest.




## MEXICO

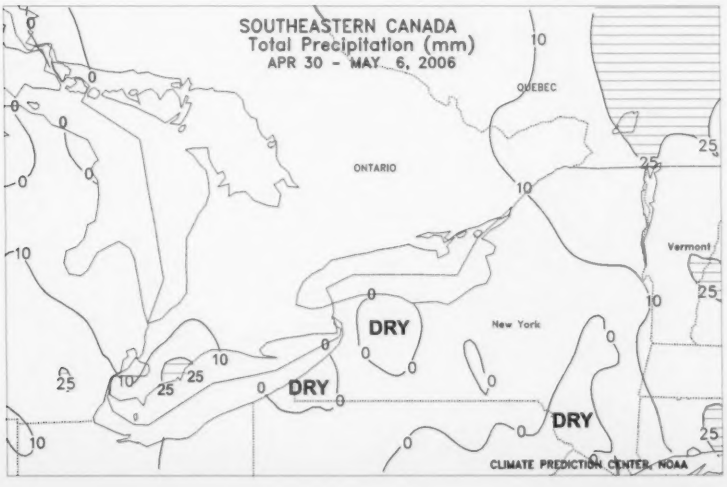
Showers (10-25 mm or more) improved planting prospects in eastern sections of the southern plateau corn belt, with rainfall reaching as far west as Michoacan. The beneficial rain extended southward into Oaxaca and Chiapas, but drier weather dominated the remainder of the country, fostering dry down and harvesting of winter grains. Temperatures averaged near to slightly above normal, with highs reaching the upper 30s degree C in many locations.




## CANADA

Scattered, generally light showers (less than 25 mm in most areas) overspread the Prairies, boosting topsoil moisture and helping to condition fields for spring crop planting. Temperatures averaged near to below normal, with lows briefly falling below -5 degrees C in northern and western growing areas of Saskatchewan, as well as a few other locations in Manitoba and Alberta. The mid-week cold snap likely burned back tender growth of winter wheat and pastures, but highs quickly rebounded to more seasonable levels (highs in the 20s degrees C) at week's end.

In eastern Canada, mostly dry, warmer-than-normal weather (averaging 1-3 degrees C above normal, with highs in the lower and middle 20s degrees C) overspread Ontario, promoting development of winter wheat and pastures, and helping to warm topsoils for germination of early-planted corn and soybeans. Light to moderate rain (5-25 mm or more) continued in the farmland of southern Quebec, maintaining favorable moisture levels for winter wheat and pastures but slowing spring fieldwork.



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